The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are $20 U.S. third class mail, $25 U.S./Canada/Mexico airmail, $25 by surface and $30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

Cliff W. Betson, ZL1MQ

ZL1MQ is a silent key. Cliff was one of the keenest 50 MHz operators I have ever known, against great odds because of his location and relatively modest equipment. He started on his quest of 6m WAC in 1948 or so, and finally got there in 1995. We should all have such perseverance!

73, Bob, ZL4AAA

ARRL Petitions FCC for Band Plans

The FCC has assigned a rulemaking number, RM-9259, to the ARRL's request for an FCC declaratory ruling equating band plan compliance with good amateur practice. The action is considered a bit unusual since RM numbers generally are assigned only to petitions for rulemaking, not to requests for a declaratory judgment.

The League's April 3 request asks the FCC to affirm that amateur operation that conflicts with established voluntary band plans and causes interference or adversely affects those operating in accordance with applicable band plans would violate FCC rules. The ARRL wants the FCC to acknowledge that hams should be familiar with--and should abide by--voluntary band plans applicable to the bands they operate and to state that those who don't operate in harmony with those plans are not operating "in accord with good amateur practice."

Comments on the League's request are due to the FCC by May 21. A complete copy of the League's petition may be found on the ARRLWeb at http://www.arrl.org/announce/declreq.pdf.

ARRL Spring Sprint, 50 MHz

Readers are reminded of the ARRL VHF/UHF Spring Sprints, single band contests. The 50 MHz Sprint starts May 16 at 2300Z and ends four hours later, May 17 at 0300Z.

This is a perfect opportunity to check out your 6m station in preparation for the June ARRL VHF QSO Party. Exchange grid-square locations. Signal reports are optional. One point per valid QSO. The final score is the QSO points X grid squares.

Logs must indicate time, call sign, and complete exchange for each valid QSO. Multipliers must be clearly marked in the log. A summary sheet is also required. The official entry forms, found in the *1998 ARRL Contest Yearbook*, are recommended. Entries may also be submitted via Internet (to **contest@arrl.org**), BBS (860-594-0306), or on disk, following the ARRL Suggested File Format. Entries for each Sprint must be submitted in separate envelopes, postmarked by June 19.

ARRL June VHF QSO Party

This is the "big one." Rules may be found on page 110 of May 1998 QST. The party begins Saturday, June 13 at 1800Z, and ends Monday, June 15 at 0300Z. Exchange grid squares. QSOs on 50 and 144 MHz count 1 point; 222 and 432 MHz, 2 points; 902 & 1296 MHz, 3 points; and 2.3 GHZ and higher, 4 points. Final score is QSO points times grid square totals.

Rovers only: The final score consists of the total number of QSO points from all bands times the sum of unique multipliers (grid squares) worked per band (regardless of which grid square they were made in) plus one additional multiplier for every grid square activated (made a contact from).

Only one signal per band at any given time is permitted, regardless of mode. Multioperator stations may not include QSOs with their own operators except on frequencies higher than 2.3 GHz, and even then a complete, different station (transmitter, receiver, and antenna) must exist for each QSO.

Official entry forms are available electronically from several sources:
❶ From the ARRL Internet InfoServer. Send e-mail message to **info@arrl.org**. The subject line is ignored. Enter the following text in the body of your message:
HELP
SEND VHFQSO.FRM
QUIT
❷ From the ARRL BBS (860-594-0306), in File Area 2 (contests),
❸ From the ARRL's World Wide Web home page, at **http//www.arrl.org/contests/forms**.

Complete rules and entry forms for all the ARRL-sponsored contests are included in the *ARRL Contest Yearbook*, which is available for $5 from Publication Sales at ARRL HQ (order number 6680).

1998 SMIRK Contest Rules

The SMIRK QSO Party, sponsored by the Six Meter International Radio Klub will be held from 0000Z June 20, 1998 through 2400Z June 21, 1998. Contacts must be on six meters only, voice and/or CW. No contacts involving another band for one side of the contact count.

One need not be a SMIRK member to take part. No contacts between stations in the 48 contiguous U.S. states and lower tier Canada (VE1 through VE7) are allowed between 50.100 and 50.125. Only contacts with and between stations outside of these areas may take place in this band segment.

All contacts must be made by a single operator. There is no multi-operator category in this contest.

Exchange is callsign, SMIRK number, if the station worked has one, and grid.

Partial contacts in which one of the above pieces of information are missing, do not count.

All contacts must be made via natural propagation. No contacts using repeaters, or any manmade device for relaying transmissions are allowed.

Exchange is callsign, SMIRK number, if station being worked has one, and grid.

Partial contacts in which required information is missing, do not count.

All participants must observe the rules governing Amateur Radio operation in the participant's country.

Scoring is as follows:

Count 1 point for each completed contact.

If station worked provides a SMIRK number, multiply by 2.

In addition to the SMIRK number multiplier, the following additional multipliers apply:

For participating stations located in the 48 contiguous U.S. states and VE1 through VE7, a multiplier of 2 should be applied to all contacts made above 50.2.

For participating stations located outside of the 48 contiguous U.S. states and VE1 through VE7, a multiplier of 2 should be applied to each contact no mater where in band the contact is made.

For participating stations located in the 48 contiguous U.S. states and VE1 through VE7, a multiplier of 2 should be applied to each contact made with stations located outside of these areas no matter what part of the band the contact takes place.

A station can be worked only once for score, but contacts may be made below 50.2 for the purpose of QSYing above 50.2 to obtain 2 multiplier.

Certificates will be issued to the highest scoring SMIRK member, submitting a valid log, in each ARRL Section, the Maritime Provinces and each of the remaining Canadian provinces and each other DXCC country. If no entries are received from SMIRK members in any of these geographical divisions, a certificate will be awarded to the non-member entrant submitting the highest valid log from that area. in order to be counted, logs must be addressed to the above address and postmarked by 1 August, 1998. Final score is contact points times grids worked. New log forms incorporating this scoring system are available from W5OZI at the above address, or on the SMIRK Web site at http://6mt.com.

For the purpose of this contest, a SMIRK member is anyone who has ever been issued a SMIRK number, whether or not he or she has paid dues in recent years. Of course, all 6 meter operators are encouraged to join SMIRK or renew. Renewals may be obtained by sending $6 to the above address, noting the SMIRK number. Anyone not a member, may join by sending a list of six SMIRK members worked on 6 meters, along with $6 to the above address. An attempt will be made to issue a SMIRK number to each new member applying in time to fully participate in this year's SMIRK QSO Party.

SMIRK members as well as non-SMIRK members are invited to take part in this fun event. Why not give it a try?

1998 50 MHz DX Marathon

The 50 MHz DX Bulletin is sponsoring its fifth 50 MHz DX (Summer) Marathon, in which the object is to work 6m stations in as many grid fields (10° x 20° areas) as possible. (The grid field is the first two letters of a grid square.) This year's contest period will run from 00Z June 20 to 00Z July 20. Only one QSO per station worked will receive credit unless either station has changed grid fields or ARRL country.

Scoring, 6 points for QSOs with stations more distant than 8800 km, 3 points for stations between 4400 and 8800 km, and 0 points (but a multiplier for new grid fields) for QSOs with stations closer than 4400 km. The multiplier is the number of grid fields. Final score = (Contact points + 1) X grid fields.

It is expected that participants will abstract those QSOs with either QSO points or multipliers from their regular and contest logs. The only on-the-air exchange required is call signs, but you are expected to log date & time UTC and to report the location or grid square with sufficient accuracy to verify the distance (if > 4400 km). Logs should be posted by August 10, 1998.

WSWSS '98: CALL FOR PAPERS!

Here is your big chance to show the rest of the VHF+ community what you have been up to! Have you been busy with a technical project? Have you been out grid hopping, hill topping, or world bopping with your VHF+ equipment? Do you have information to share on propagation, equipment, operating techniques for 6m through light (or even beyond)? Do you have some building skills to share with others?

The 50MHz and Up Group of Northern California, Inc. and the Western States Weak Signal Society will be holding the annual WSWSS VHF+ Conference on October 3rd, 1998 at the Sunnyvale Hilton in Sunnyvale, California.

The conference will have 2 presentation paths, one for general interest and one for technical specialties, which will run from 9AM to 5PM.

Papers or presentations may be of general VHF+ interest or detailed technical content. Please submit a paragraph outlining content by June 1, 1998 to: Jim Moss, 862 Somerset Drive, Sunnyvale, CA, 94087 or email to: n9jim@aol.com.

Selected papers will be notified no later than June 15, 1998. Full papers must be submitted by July 20, 1998 for inclusion in the proceedings.

Key dates:

6/1/98	short description of paper/presentation to N9JIM
6/15/98	paper/presentation selection completed
7/20/98	paper due for inclusion in proceedings
10/3/98	WSWSS '98 in Santa Clara, CA.

See the WSWSS '98 website at:
http://www.qsl.net/wb9ajz/wswss98

FIELDHUNTER'S LIST

This is a list of radio amateurs' efforts to chase and collect fields (big squares) according to the Maidenhead Locator System. SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band.

The 50 MHz standings as of March 31, 1997 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid **field** is a block of 10° latitude by 20° longitude, and is the first two letters of a grid **square** as determined by the Maidenhead Locator System.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enkoping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

Fieldhunter's List

50 MHz Standings as of March 31, 1998

by Johnny Ryden, SM5INC

Rank	Call	Field	Fields	YYMM
1	JA1VOK	QM	112	9601
2	JA6RJK	PM	93	9605
3	JA6TEW	PM	91	9712
4	WA6BYA	CM	86	9511
5	PY5CC	GG	82	9503
6	W5FF	DM	81	9708
7	GJ4ICD	IN	77	9803
8	PA0HIP	JO	75	9707
9	K5AM	DM	72	9606
	SV1DH	KM	72	9711
11	SM7FJE	JO	71	9709
	WA1OUB	FN	71	9601
13	N0LL	EM	70	9801
	VK3OT	QF	70	9705
	VK4APG	QG	70	9612
	W4DR	FM	70	9602
17	K1TOL	FN	69	9503
	N5JHV	DM	69	9605
19	TI2NA	EJ	68	9503
20	G3WOS	IO	67	9707
	ON4KST	JO	67	9507
22	G4IGO	IO	66	9708
23	G4UPS	IO	65	9610
	SM7AED	JO	65	9709
25	PA3BFM	JO	64	9606
	SM7BAE	JO	64	9507
27	DL7AV	JN	63	9707
	PA0OOS	JO	63	9707
29	IK2GSO	JN	62	9803
	KG6UH/DU1	PK	62	9709
	SV1EN	KM	62	9803
32	KH6HH	BL	61	9505
	W3EP	FN	61	9601
	WA5JCI	EM	61	9708
35	JM1SZY	PM	59	9609
	K1GPJ	FN	59	9503
	WB8YFE	EN	59	9706
38	G0JHC	IO	58	9507
	PA3EUI	JO	58	9706
40	W7HAH	DN	57	9610
	WB4DBB	FM	57	9507
42	F1GTU	JN	56	9705
	G3OIL	IO	56	9611
	GW8FKB	IO	56	9711
	KB5IUA	EL	56	9707
	WA5IYX	EL	56	9508
47	I5MXX	JN	55	9803
	K0TLM	EM	55	9508
	N0KE	DM	55	9708
	W3ZZ	FM	55	9601
51	DJ3TF	JN	54	9803
52	G4IFX	IO	52	9510
	WA2TEO	FN	52	9604
54	KE7CX	CN	51	9605
	W5AL	DM	51	9707
56	W0FY	EM	50	9707
	W6YLZ	DM	50	9701
58	PA2TAB	JO	49	9502
59	I0CUT	JN	48	9504
	K6EID	EM	48	9706
	PE1LCH	JO	48	9703
	W3BO	FN	48	9802
	WA5QCP	DM	48	9509
	ZL3AAU	RE	48	9801
65	G4HBA	IO	46	9502
	K6FV	CM	46	9509
	VE3FGU	FN	46	9708
	W1AIM	FN	46	9803
69	DJ1OJ	JN	45	9707
	KY5N	EM	45	9701
71	S59F	JN	44	9803
	W3OTC	FM	44	9602
	W9JUV	EN	44	9611
74	N5BBO	EL	43	9606
	VK6HK	OF	43	9510
76	K9LCR	EN	42	9601
	VE3CTT	FN	42	9707
78	N5HHS	EM	40	9609
	N8NQS	EN	40	9702
	SM3EQY	JP	40	9508
	VE7XF	CN	40	9702
82	K0CJ	EN	39	9707
83	SM0KAK	JO	38	9608
84	KA7MCX	CN	37	9708
	N6ZCP	DM	37	9711
86	KH2CY	FM	36	9610
	OZ5IQ	JO	36	9508
88	GW6VZW	IO	35	9605
	K8UNV	EM	35	9508
90	OH1LEU	KP	34	9506
	OZ6AQ	JO	34	9712
92	W6YLL	CM	33	9702
93	SM7JUQ	JO	31	9506
94	G6LEU	IO	30	9707
	PA0ION	JO	30	9501
	PA3GML	JO	30	9705
97	G3KLL	IO	29	9707
	YO7VS	KN	29	9611
99	VK3ALM	QF	28	9508
	W8WNX	EN	28	9803
	W9VA	EN	28	9706
102	VE6XT	DO	27	9707
	VE7SKA	CN	27	9608
104	KB6NAN	CM	26	9607
	VY2KX	FN	26	9702
	Z23JO	KH	26	9608
107	ES6QB	KO	25	9712
	WB7QBS	CN	25	9609
109	GJ3RAX	IN	24	9609
	OZ1IEP	JO	24	9510
111	DL3YEE	JO	23	9504
112	KL7GLL/W4	FM	22	9707
	N0HJZ	EN	22	9607
	SM4POB	JP	22	9606
115	GW8FKB	IO	21	9701
	N5HHS	EL	21	9609
	NL7XM	FN	21	9507
	VE3TMG	EN	21	9707
	WA6TBO	DM	21	9801
120	ES5MC	KO	20	9712
	OH1AJ	KP	20	9507
	WA9PWP	EN	20	9611
123	DL3AMA	JO	18	9503
	DL5BBL	JO	18	9507
	DL7ANR	JO	18	9706
	EI7GL	IO	18	9604
	HL9UH	PK	18	9709
	N8ZJN	EM	18	9803
	OH9NYW	KP	18	9701
	SM5NVF	JO	18	9707
131	PE1EBJ	JO	17	9603
	PE1OGF	JO	17	9611
	WB8RUQ	EN	17	9606
134	DL1EJA	JO	16	9711
	ES1CW	KO	16	9712
	ES5DE	KO	16	9712
	G4DCJ	JO	16	9608
	G8DCJ	IO	16	9509
	KD4GVW	EM	16	9505
	N7YAP	DN	16	9706
	W5DO	DM	16	9801
142	ES5RY	KO	15	9712
	G4MJS	IO	15	9506
	IK0BAL	JN	15	9704
	KC6IPF	CN	15	9802
	SM3VEE	JP	15	9610
	SM6MPA	JO	15	9508
	XE1AVM	DK	15	9612
149	ES2RJ	KO	14	9712
	G8CDW	JO	14	9511
	KB0MJD	DN	14	9602
	SM6MVE	JO	14	9711
153	DL7FF	JO	13	9709
	ES6PZ	KO	13	9712
	K0RZ	DM	13	9501
	N0WVU	DM	13	9607
	ON9BGP	JO	13	9707
	WA1ECF	FN	13	9611
159	ES2RW	KO	12	9712
	K7UV	DN	12	9704
	KO6ET	DM	12	9701
	ON4CCR	JO	12	9706
163	LA5TFA	JP	11	9701
	N8CGY	EN	11	9710
	SM5INC	JO	11	9706
	SM6VKC	JO	11	9708
167	ES0SM	KO	10	9712
	ES1AJ	KO	10	9712
	ES1II	KO	10	9712
	ES5PC	KO	10	9712
	ES6RHB	KO	10	9712
	HP3XUG	EJ	10	9709
	KB0QDK	DN	10	9602
	KD6FYK	CM	10	9801
	OZ1CJX	JO	10	9602
	SM0GJK	JO	10	9708
	SM5PPS	JO	10	9507
	SM5VCK	JO	10	9710
179	ES1MW	KO	9	9712
	ES5QA	KO	9	9712
	KB8TEJ	EM	9	9706
	N0POH	DM	9	9801
	SM4HEJ	JO	9	9602
	VE2PIJ	FN	9	9707
	XE1KK	EK	9	9601
186	ES1RF	KO	8	9712
	ES3RM	KO	8	9712
	ES4NG	KO	8	9712
	NH6YK	BL	8	9601
	OZ2AEV	JO	8	9606
192	ES0OI	KO	7	9712
	ES1JL	KO	7	9712
	NH6YK/KH4	AL	7	9601
195	OK2BEE	JN	6	9712
	SM5KUX	JO	6	9506
197	ES0HD	KO	5	9712
	ES1AW	KO	5	9702
	ES1HW	KO	5	9712
	ES1XT	KO	5	9712
	ES2NA	KO	5	9712
	ES2XM	KO	5	9712
	ES3BR	KO	5	9712
204	SM6USS	JO	4	9707
205	SK7CA	JO	3	9701

QSL Information

9M6CT: (ex VR2CT/G4JMB) Philip Weaver, Box 7, Bangkok 10506, THAILAND Tnx JA1VOK

YJ8UU: via ZL2HE, H E Law, 68 Ruahine St., Dannevirke 5491, NEW ZEALAND

FR1GZ: Kong Kaye Yvon, 8 Bis Chemin du Cap Bernard, La Montagne 97417, REUNION Is Tnx GJ4ICD

P43AS: (1989, now deceased), c/o Thomas Greenway, K4PI, 4055 Kings Highway, Douglasville, GA 30135.

Mar 97-Apr 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's ***Six-metre Info***, JA1VOK's column ***V,UHF DX Topics*** in **MOBIL HAM**, GJ4ICD's ***Internet Six News*** (marked #), G4UPS, SM7FJE, EH8BPX, ZL4AAA, LW5EJU, VK3SIX, K6QXY, XE2HWB, WA5IYX, W5UWB, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

ASCENSION IS.

```
03012000-ZD8VHF                                  B 4X#
03012000-ZD8VHF                                  B EH5#
03122212 ZD8VHF  559 KM72LT     50.032 B 4Z5JA#
03132125-ZD8VHF                                  B TT8JE
03132205 ZD8VHF WEAK                             B 4Z5JA
03172000 ZD8VHF                                  B 4X#
03242030 ZD8                                       EA7#
03302043 ZD8VHF                                    IT9#
04042130 ZD8VHF                                  B IT9#
04071700 ZD8VHF                                  B EA#
```

CANARY IS.

```
03122158 EH8BPX 56/59           50.110    PP1CZ#
03161900-EH8                                       PY#
03172144 EA8                                       PY#
0321XXXX EH8BPX                                    TT8JE#
03312258 EH8BPX 53 CLG CQ       50.110 H PP1CZ
```

CEUTA & MELILLA

```
0314XXXX EH9IB                                     TT8JE#
```

CHAD: prior to April 98, Eric, TT8JE worked 117 grids and 15 fields on 6m.

```
03121530+TT8JE  TO MEDITERRANEAN                   I?#
03121800 TT8                                       4X#
03132125 TT8JE 59+                                 4Z5JA
03141737-TT8                                       CN8#
03141748 TT8JE                                     CT1#
03181300 TT8JE                                     I#
03182000 TT8JE                                     CN#
0319XXXX TT8SD                                     TT8JE#
03202010 TT8JE  55/55 JK72MC                   S EH8BPX
03211600 TT8JE     HRD IN DL                       F/S5#
03231946 TT8JE  53/55 JK72MC                   S EH8BPX
03241900 TT8JE                                     EA5/7#
03252037 TT8JE  53/55 JK72MC/P6FNU             S EH8BPX
03252053 TT8JE                  50.110             EA7KW#
03252314 TT8JE 55 > IN50        50.110 H CT1DNF#
03261730-TT8JE VY STRONG                           CT1DYX#
03271600 TT8JE   ALSO INTO S5                      EH7KW#
03271700 TT8JE                                     HB9#
03281600+TT8JE WEAK FOR 2MIN <1700             H S58J#
03291430 TT8JE                                     IK2GSO#
03301500 TT8JE   INTO I,HB9 &                      9A3HZ#
04011300 TT8JE  -1430                              GJ4ICD#
04011300 TT8JE 59+@1330                        H GJ4ICD#
04022018 TT8JE S9+                             W PY5CC#
04041745 TT8JE                                     CT1DYX#
```

CHAGOS ARCHIPELAGO

```
04011200+VQ9RU 519 350° > KG33VV                 ZS6AXT
04061200+VQ9RU 519  BACKSCATTER                  ZS6AXT
04061225 VQ9RU 519 -1235 340°                  H ZS6AXT#
```

EGYPT

```
0326XXXX SU3AM                                   TT8JE#
```

EQUATOR GUINEA

```
03011415 3C5I                                      I#
03071300 3C5I                                      I#
0307XXXX 3C5I                                      TT8JE#
03311500 3C VID S5              48.2504 V GJ4ICD#
04011428 3C5I                                  H GJ4ICD#
04011428 3C5I                   50.105 H GJ4ICD#
04011430 3C -VID S4 -1445       48.2504 V GJ4ICD#
04071930 3C5I                                      I/IT9#
04081330 3C5I  -1430                               I#
04091450 3C   59++ FOR 1.5 HR   48.25 V GJ4ICD#
```

GABON

```
03071300 TR8CA                                     I#
03131300 TR8CA                                     IW5#
03131900 TR8CA                                     4X#
03151100 TR8CA                                     I#
03181300 TR8CA                                     I#
03201545 TR8CA                                     F#
03201700 TR8CA                                     I#
03202011 TR8CA  55/55 JJ40                     S EH8BPX
03202013 TR8XX  51/55 JJ40                     S EH8BPX
03231215 TR8CA                                     I#
0323XXXX TR8XX                                     TT8JE#
03252103 TR8CA  51/51 JJ40                     S EH8BPX
03271600 TR8CA                                     EH7KW#
03301500 TR8CA                                     I#
03301700 TR8CA                                     CT1#
03301700 TR8CA                                     TT8JE#
```

GHANA: 9G1BJ recently installed a 5 el beam. His first QSO with it was CT3FT. 9G1TM is also QRV from the same station in IJ99sf. #

```
03181949 9G1BJ  51/51 IJ99SF/G4XTA             S EH8BPX
03182157 9G1BJ  51/51 IJ99SF/G4XTA             S EH8BPX
03192206 9G1BJ  59/59 IJ99SF/G4XTA             S EH8BPX
03202009 9G1YR  59/59 IJ96                     S EH8BPX
03231958 9G1BJ  59/58 IJ96SF                   S EH8BPX
0323XXXX 9G1BJ                                     TT8JE#
04041745 9G1BJ                                     CT1DYX#
04071930 9G1                                       I/IT9#
```

MADAGASCAR

```
04081430 5R8EE TO I/F/IS0/GJ                       GJ4ICD#
04120822 5R8EE          >PL36   50.110 S JA1VOK/6
```

MADEIRA IS.

```
02182345 CT3FT  59/59 IM13                     S EH8BPX
02192311 CT3FT  59/59 IM13                     S EH8BPX
02242252 CT3FT  59/59 IM13                     S EH8BPX
03011707 CT3FT   59++ IM13TA    50.114 S LU8EWD
03011707 CT3FT 59+              50.115   LU2EGQ#
03031920 CT3FT   59+ CEDRIC     50.115   LW5EJU
03032335 CT3FT  52/57 IM13                     S EH8BPX
03092250 CT3FT  59+                            S PP1CZ#
03112357 CT3FT  59/59 IM13                     S EH8BPX
03122205 CT3FT 59/59            50.110   PP1CZ#
0312XXXX CT3FT                                     TT8JE#
03202025 CT3FT   57  CEDRIC     50.115   LW5EJU
03211106 CT3FT  59/59 IL13                     S EH8BPX
03211850 CT3FT                                     PY5CC#
03261730 CT3FT BACKSCATTER                     W CT1DYX#
04061622 CT3FT 59+                             S ZS6AXT#
```

MALAWI

```
03012000-7Q7                                       4X#
03121800 7Q7                                       4X#
03131900 7Q7                                       4X#
03151817 7Q7RM                  50.110   IT9RZR#
03182000 7Q7                                       CN#
0318XXXX 7Q7JL                                     TT8JE#
03201720 7Q7                                       IT9#
03211500 7Q7                                       4X4#
03211600 7Q7                                       I#
03221650 7Q7                                       I#
04181638 7Q7SIX 579     > IO80 -1730 B G4IGO
```

MOROCCO

```
03122232 CN/9A3NC/MM 579/599  50.110 C PP1CZ#
0314XXXX CN8LI                                     TT8JE#
03161900 CN8LI                                     PY5CC#
03211850 CN8LI 59+                                 PY5CC#
```

NAMIBIA

```
03121800 V51                                       4X#
03131500 V51VHF                                B I/EH7#
03141737-V51                                       YU#
03172000 V51VHF                                B 4X#
03201500 V51KC                                     I#
03201700 V51VHF                                B GJ4#
03201720 V51                                       OD5#
0321XXXX V51KC                                     TT8JE#
03221650 V51                                       I#
03271440 V51                                       I#
03291430 V51VHF                                B CT1#
04021600 V51E (ex ZS3E) Kosie                  W CT1DYX#
04071818 V51                                   B GJ#
```

REUNION IS.

```
03211500 FR1GZ                                     4X4#
```

Saudi Arabia: G4HBA reports that Paul (G7SLP, KD5CRJ) will be active (by now?) on 6m from HZ2AB with 400W into a 5 el beam at 35'.

SOUTH AFRICA

```
03121712 ZS6PJS         CQ      50.150 H EA7KW#
03121715 ZS6BTE         579     50.103   EA7KW#
03121724 ZS6AXT                 50.110   EA7KW#
03121830-ZS6    TO MEDITERRANEAN                   I?#
03121906 ZS6WB          KG44    50.110   IK7UXY#
03141230 ZS6  INTO IT9/I0/IS0                      I#
03141230-ZS6DN, ZS6XJ WEAK                     B GJ4ICD#
03141737-ZS6                                       CN8#
03201700 ZS6                                       I#
03211600 ZS6                                       I#
03221650 ZS6                                       I#
03301500 ZS6                                       I#
04061622 ZS6DN STRONG BACKSCATTER              B ZS6AXT#
```

UGANDA: 5X1D is back in Sweden. However, Mats, SM7PKK, should now be on from 5X1Z with a TS-570S & 5 el. beam.

ZIMBABWE: Z22JE, Dudley is back on 6m after being active two cycles ago --he can operate from either the University or home. #

```
03121830 Z21                                       EH7#
03121905 Z22JE          KH18    50.110   IK7UXY#
03131500 Z21KA KG49                                I/EH7#
03141737-Z22                                       I#
03151818 Z22JE                  50.108   IT9RZR#
0316XXXX Z21KA                                     I/IT/IS#
03171400 Z2                                        EA#
04042130 Z22JE                                     I#
```

Reports of Asia(Middle East)

ARMENIA

```
0401XXXX EK6AD                                     TT8JE#
04061015 EK6AD 529/569 31/55 LN20FE            W ZS6AXT#
```

CYPRUS

```
0329XXXX 5B4/EU1AA                                 TT8JE#
04211734 5B4/EU1AA                                 EA3ADM
```

ISRAEL

```
03011400+4X                                    W TT8JE
03011500-4X                                    W TT8JE#
0301XXXX 4X1IF                                     TT8JE#
03141753 4X  CLG TT8JE                         H CN8LI#
04092119 4X                                        ZP6CW#
```

LEBANON

```
03011400+OD                                    W TT8JE
03011500 OD5SK                                 W TT8JE#
0301XXXX OD5RAK                                    TT8JE#
03241600 OD5                                       7Q7#
04081215 OD5                                       V51#
```

OMAN

```
04050920 A45ZN                  50.1086 S VR2XMT
04050922 A45ZN                  50.1086 S VR2XMQ
04050923 A45ZN    57            50.1086 S VR2LC
04050924 A45ZN                  50.1086 S VR2PM
04111029 A45ZN          >PL36   50.110 C JA1VOK/6
```

Reports of Asia (Far East)

ASIA, GENERAL

```
03170428 UA/BY TV(6) S9                 49.75 V ZL4AAA
03180445 UA/BY TV S1                    49.75 V ZL4AAA
03280251 UA/BY TV S9 -0540              49.75 V ZL4AAA
03290250 UA/BY TV 59+20                 49.75 V ZL4AAA
03300352 UA/BY TV S2 -0357              49.75 V ZL4AAA
04010500 R1-TV                  49.7517+/- V VK3SIX
04040430 R1/C1 TV  355°                 49.750 V VK3SIX
04051300 R1 TV     345°>QF02            49.750 V VK3SIX
04061000 R1 TV     345°                 49.750 V VK3SIX
04070430 R1-TV                          49.750 V VK3AMK
04070645 R1-TV     345°                 49.750 V VK3SIX
04071010 ASIAN VID S3-9 -1200           49.75 V VK4JSR
04071330 R1 TV     345° Vladiv 49.7499 V VK3SIX
04071400 R1 TV     340°                 49.7500 V VK3SIX
04090905 ASIAN VIDEO   59+             48.250 V V73AT
04091000 ASIA TONES 345°                47.750 F VK3SIX
04091100 ASIAN VIDEO 345°               49.7517 V VK3SIX
```

CHINA

```
03290604 BY  BDCST RELAY                50.15 A ZL4AAA
03290725 BY TV S9                       49.75 V ZL4AAA
04050845 BY -TV       > QF02WH          49.75 V VK3SIX
```

HONG KONG

```
03290457 VR2XMQ         >QM05   50.130 S JA1VOK
03290500 VR2IL          >QM05   50.155 S JA1VOK
```

```
03290501 VR98BG        >QM05    50.115 S JA1VOK
03290509 VR2ZYW        >QM05    50.195 S JA1VOK
03290515 VR2ZDH(?)     >QM05    50.110 H JA1VOK
03290542 VR98LC        >QM05    50.093 C JA1VOK
04190939 VR98XEB       >PM74    50.110 S JA3EGE
04190947 VR98LC        >PM74    50.091 C JA3EGE
04190953 VR2XRW        >PM74    50.130 S JA3EGE
04190954 VR2XRW        >PM85    50.130 H JE2DWE
04250836 VR2RC         >QM05    50.120 H JA1VOK
04261011 VR2XRW (Sc) > QM05     50.120 H JA1VOK
```

JAPAN

```
03160353 JAs  S1                 50.1  H ZL4AAA
03170029 JM1PPQ  57  MASA       28.390    LW5EJU
03170419 JH1WHS 59+ TEP                   ZL2TPY
03170419+JA1,2,9 (11)  -0450              ZL2TPY
03170419+JA2IGY 589                    B  ZL2TPY
03170419+JA7ZMA 559                    B  ZL2TPY
03170433 JH4UKR 339              50.11 C  ZL4AAA
03170433+JS4JPO 559              50.   C  ZL4AAA
03172155 JE3XRX  59  MASMYA     50.110    LW5EJU
03280230 JA7ZMA  559             50.03 B  ZL4AAA
03280236 JA1-0 59+20 -0529       50        ZL4AAA
03290156 JA8                     50.11 H  ZL4AAA
03290215 JA1-5,7-0 59+20 -0530   50.   W  ZL4AAA
03290903 JA6s 58  TE HRG 9M2     50.   W  ZL4AAA
03290933 JA6YBR/b      >QM05     50.017 B JA1VOK
03300307 JA8s 85 OFF PATH 350°   50.11 H  ZL4AAA
03301100 7M1EDU IBARAGI FAI   144.165 H  JQ6INQ
04020500 JA2IGY   0530-0746      50.010 B V73AT
04030713 JA2IGY                  50.010 B V73AT
04050900 JR6YAG  340° PL38       50.032 B VK3SIX
04050915 7J6CCU   345° 59         50.110 S VK3SIX
04050915 JA4 (4) YAMAGUCHI/HIROSHIMA    S VK3SIX
04050916 7J6CCU                         S VK4TL
04050920 JH6VXP, JH6RIP                 S VK3SIX
04050920 JR5JAQ, JA6XE NAGASAKI         S VK3SIX
04050920+JA6LEG 599              50.100 C VK3SIX
04050937 JA6YBR   345° 599       50.017 B VK3SIX
04050940~JA5FFJ Ken PM63 > QF02         S VK3SIX
04050945~JA6TMU          > QF02         S VK3SIX
04050950~JH6XYJ YOSHI    > QF02         S VK3SIX
04051000~JH6BPG KUMAMOTO                S VK3SIX
04051016 JA6CPQ   345° PM53      50.111 C VK3SIX
04051025 JA30???  FM 350°        48.850 H VK3SIX
04051310 7J6CCU   559            50.110 C 9M2NK
04060430 JA7ZMA  355° QM07       50.027 B VK3SIX
04060550 JA6YBR                  50.017 H V73AT
04060551 JR6YAG                  50.037 H V73AT
04071010 JA3EGE                         H VK4JSR
04090707 JA2IGY  345°            50.010 B VK3SIX
04090718 JA6YBR  345°            50.017 B VK3SIX
04090930 JR6GV 59+  345° PL36    50.125 S VK3SIX
04090930 JR6HI  55  345° PL36    50.125 H VK3SIX
04090930 JR6YAG  345° PL36       50.037 B VK3SIX
04090953 JF1KKV                  50.125 C VK3SIX
04090953 JH4RCD/1                50.125 C VK3SIX
04090953 JM1LIK     345°         50.125 C VK3SIX
04090953 JS1MPX                  50.125 C VK3SIX
04180340 JA6YBR/b      >QM05     50.017 B JA1VOK
04240800 JS6CDB PL36 -0900       50.110 H 8Q7QQ
04250355 JA6YBR/b      > QM05    50.017 B JA1VOK
04250725 JR6YAG/b      > QM05    50.037 B JA1VOK
```

KOREA,S.

```
03170429 HL1LTC CLG CQ           50.11 H ZL4AAA
03230736 HL1LTC                  50.110 S JA1
03290953 HL1LTC        >QM05     50.150 H JA1VOK
04050958 HL1LTC   345° Seoul     50.125 S VK3SIX
04180854 HL1LTC        >QM05     50.120 S JA1VOK
04251024 DS1BJU        >PL36     50.110 S 7J6CCU
04241026 HL1LTC        >PL36     50.110 S 7J6CCU
```

MALAYSIA, GENERAL

```
03290800 9M(?) TV      >QM05     53.76  F JA1VOK
04010548 9M TV   240°            48.240 V JA3EGE
```

MALAYSIA, WEST

```
03140537 9M2TO                   50.117 S JR2HCB
03140543 9M2TO                   50.117 C JR2SQZ
03140548 9M2TO                   50.117 S JR2HCB
03140614 9M2TO                   50.117 C JH0BQX
03150441 9M2TO                   50.116 S JE2KDW
03150445 9M2TO                   50.117 C JR2HCB
03150520 9M2TO                   50.117 C JR2SQZ
03221430 9M2NK          OJ03     50.110 C JR6
03231424 9M2NK          OJ03     50.110 S JA6,JR6
03231512 9M2NK          OJ03     50.110 C JA6
03251442 9M2NK          OJ03     50.106 C JR6
03251457 9M2KT                   50.110 C JR6
03251504 9M2NK          OJ03     50.110 S JR6
03251508 9M2KT                   51.000 F JR6
03251553 9M2NK          OJ03     50.106 C JR6
03280906 9M2TO         >PM63     50.116 S JA5CMO
03280943 9M2 ch2       >QM05     53.75  F JA1VOK
04030945 9M2 ch2       >QM05     53.75  F JA1VOK
04250735 9M2 ch2       >QM05    535.75  F JA1VOK
04250807 9M2KT         >QM05     50.110 C JA1VOK
04250843 9M2CT         >QM05     50.115 S JA1VOK
04260932 9M2NK       > PL36      50.107 C JR6VSP
```

TAIWAN

```
04030848 BV2PU         >PM85     50.110 H JE2DWE
04030909 BV2PU    225° 559       50.099 C JJ3AZA/1
04031809 BV2PU                   50.990 C JJ3AZA/1
04041159 BV2SR         >PM85     50.110 H JE2DWE
04041201 BV2SR    230° CQ        50.110 C JE2XBY
04110857 BV2PU         >PM85     50.110 H JE2DWE
04111000 BV2SR         >PM85     50.125 H JE2DWE
04160916 BV2PU         >PM96     50.100 C JH1WHS
04200807 BV2UH         >PM63     50.120 H JA5CMO
04200851 BV2YH         >PM63     50.120 H JA5CMO
04220945 BV2FG/b       >PM63     50.001 B JA5CMO
04220945 BV2PU         >PM63     50.100 H JA5CMO
```

Reports of Europe

EUROPE GENERAL

```
04011330-EUR ON,F,I,DL,HB9,EH7          W TT8JE
```

AUSTRIA

```
0329XXXX OE2UKL                         TT8JE#
```

BALEARIC IS.

```
0319XXXX EH6SA                          TT8JE#
```

BELGIUM

```
0401XXXX ON5SE                          TT8JE#
```

BULGARIA

```
0303XXXX LZ1DP                          TT8JE#
04222144+LZ              - 2200         EA3ADW
```

CRETE

```
0319XXXX SV9ANK                         TT8JE#
```

CROATIA

```
0301XXXX 9A3FT                          TT8JE#
04191300-9A3 JN84 > IO93                G4AEQ
```

DENMARK

```
03291015 OZ2LD 579 CLG CQ            H  G4UPS
```

ENGLAND

```
03101809 GB3NHQ 55A                  B  G4UPS
03101809~GB3BUX AUR                  B  G4UPS
03101830~G4UPS  AUR                  H  GM4DGT
03101925 G4FVP  53A/52A IO94FM CLIVE C  G4UPS
03101934+G4OBK  55A                  H  G4UPS
03101944 G3FDW  53A/52A IO84ME MIKE  C  G4UPS
03102015+G7OJZ  55A  -2030           H  G4UPS
```

FRANCE

```
03011400 F9DI  JN33                  W  TT8JE#
03011400+F                           W  TT8JE
```

GREECE

```
03011400+SV                          W  TT8JE
03011500-SV                          W  TT8JE#
0301XXXX SV1UN                          TT8JE#
03261730-SV1OH VIA BACKSCATTER TO S   H  CT1DYX#
04222144+SV1SIX, SV2  > 2200         B  EA3ADW
```

ITALY

```
03011400+I                           W  TT8JE
03011500-I/IT9                       W  TT8JE#
0301XXXX IW5BML                         TT8JE#
03261730-IV3  VIA BACKSCATTER TO S    H  CT1DYX#
04151436 IW0RLC cq 59 in ko02 50.130     SP5XMU
04222144 I8MPO 57        FAI   144.      EA3ADW
04222144+IK7, IT9        - 2200          EA3ADW
```

JERSEY IS.

```
0304XXXX GJ4ICD 55                      TT8JE#
0401XXXX GJ4ICD                         TT8JE#
```

MALTA

```
0326XXXX 9H1EL                          TT8JE#
04031930 9H                             PY5CC#
```

NETHERLANDS

```
03101813 PA2VST 57A/T7A JO22IM PETER C  G4UPS
0330XXXX PA3GAM (JO21oc)                TT8JE#
```

NORTHERN IRELAND

```
03101913 GI0UJG 55A/55A IO64UG       C  G4UPS
```

POLAND

```
04151427 SP5XMU                 50.130   IW0RLC-3
04151429 SP5XSM                 50.130   IW0RLC-3
04151430 SP5XMU jn53 > ko02     50.110   IK5YJY
04231930 SP6ASD                       W  PY5CC
04231930 SP6GZZ                       W  PY5CC
```

PORTUGAL

```
02112005 CT1CCJ 51/59 IN50RU  50.200 S  EH8BPX
02112031 CT1EKF 57/57 IN50SU  50.200 S  EH8BPX
0314XXXX CT1DYX                         TT8JE#
```

ROMANIA

```
0312XXXX YO7VJ                          TT8JE#
04191304 YO  KN14  -1312                G4IGO
```

SARDINIA

```
0301XXXX IS0AGY                         TT8JE#
```

SCOTLAND

```
03101854 MM0AMW 58A/55A IO75EJ DAVID C  G4UPS
```

SERBIA

```
0312XXXX YU1EU                          TT8JE#
04151412 YU1HQR 59 JN94>JO56  50.110    OZ5AGJ
04191304 YU  JN94  -1312                G4IGO
04222144+YU1             - 2200         EA3ADW
```

SICILY

```
03301530 IT9      INTO CT3 &            SV#
04031930 IT9                            PY5CC#
```

SLOVENIA

```
0321XXXX S57AC                          TT8JE#
03291300 S55ZRS 559 -1320            B  G4UPS
04212041 S51WX         FAI    144.      EA3ADW
```

SPAIN

```
02112018 EH1TA  59/59 IN53SI  50.200 S  EH8BPX
03011400+EH5                         W  TT8JE
0301XXXX EH5BES                         TT8JE#
03101945 EH1                         W  7Q7RM#
03181350 EH3ADW VIA MS               H  GJ4ICD#
03261730 EH7ON VIA BACKSCATTER       W  CT1DYX#
04061615 EH7  WEAK                   W  ZS6AXT#
04231930 EH3ADW                      W  PY5CC
```

SWEDEN

```
03211545 SM3EQY JP81 1800KM+ AU      W  GJ4ICD#
03291020 SM4DHN 449  MS              H  G4UPS
04211607 SM6CMU                         EA3ADW
```

SWITZERLAND

```
0326XXXX HB9SJV                         TT8JE#
```

WALES

```
03101843 GW3LDH 55A/55A IO83MB ALAN  C  G4UPS
03101934 GW0GEI 55A/55A IO73TG STEVE C  G4UPS
03102015 GW0GEI 33A                  H  G4UPS
```

Reports of North America

This month's TV DX reports via ionospheric modes were submitted by Danny Oglethorpe, Shreveport, LA; and Pat Dyer, WA5IYX, San Antonio, TX.

North America, General

```
04010500-NAMERICA 3? STRONG   61.260 V  EK1AA
```

North & Central American Waters: Clint, W1LP, has made one round trip from the Gulf to the NW. KG6EG posted on March 29: "Worked Clint in CM93 from DM03 at 0230Z, he tells me that seas are rough and they are only making about four knots and will be in CM85 and CM86 tomorrow AM local."

```
03132152 W1LP/MM 59 EK88>GF05 50.150 S  LU8EWD
03162107 S51AG/MM 59+ EK39    50.120    LW5EJU
03162126 S51AG/MM 59+ EK39    50.119 S  LU8EWD
03172205 S51AG/MM 59  MIROS   50.120    LW5EJU
03182027 S51AG/MM 59  EK28    50.110    LW5EJU
03182143 S51AG/MM 59+ EK28    50.110 S  LU8EWD
03190001 W1LP/MM 59++ EK51    50.130 S  LU8EWD
03190015 W1LP/MM 59+  EK51    50.130    LW5EJU
03190026 W1LP/MM 599+ EK51    50.130 C  LU8EWD
03192151 W1LP/MM 55   EK35    50.110    LW5EJU
03192200 W1LP/MM 59 EK35>GF05 50.110 S  LU8EWD
03200239 W1LP/MM 52  EK25     50.110    LW5EJU
03202153 W1LP/MM 57  EK06     50.110    LW5EJU
03202257 W1LP/MM 57 EK06>GF05 50.110 S  LU8EWD
03210001 W1LP/MM 59  DK96     50.110    LW5EJU
03210017 W1LP/MM 55 DK96>GF05 50.110 S  LU8EWD
03292045 S51AG/MM 59+ EK28TH  50.110    LW5EJU
04181948 W1LP/MM DL42 > DM59  50.125 S  WOMTK
```

ALASKA

```
03310600 KL7NO   BP54 > DO33          W  VE6MK
```

BAHAMAS

```
03030055 C6AIE 539                 50.110 C  PP1CZ#
03272055 C6AFP   57                50.062 B  LW5EJU
03272130 C6/KB9PRO 57 CAN          50.125    LW5EJU
03302037 C6AFP   57                50.062 B  LW5EJU
```

BELIZE

```
03130110 V31PC   59 EK56>GF05 50.105 S  LU8EWD
03152143 V31DE   59+ DK57K    50.130    LW5EJU
03152320-V31DE                       H  LU2EGQ#
03152333 V31DE   59 EK57>GF05 50.130 S  LU8EWD
```

CANADA: K3MM posted: "Jay, VY1JA, is now on 6m and is looking for his first QSO! . . . I believe his grid is CO20 (Whitehorse)."

```
03310600 VE6EMU   > DO33              B  VE6MK
03310600 VE8SIX  CP38 > DO33          B  VE6MK
04120333 VE6EMU  57A DO33>DO31        B  VE6NTT
04250000 VE6EMU  DO31 > DO21 51A AU   B  VE6XT
```

COSTA RICA

```
03030125 TI4JHQ  CW & SSB     50.110 H  PP1CZ#
03070127 TI4JHQ  59  EDUARDO  50.120    LW5EJU
03070144 TI2NA   53          50.0785 B  LW5EJU
03080120 TI4JHQ  59  EDUARDO  50.120    LW5EJU
```

03080146 TI5KD 59 FJ76 TE 50.110 LW5EJU
03172332 TI2NA 57 50.0785 B LW5EJU
03192345 TI2NA 57 50.0785 B LW5EJU
03192352 TI4JHQ 59 EDUARDO 50.105 LW5EJU
03200300 TI2NA 57 50.0785 B LW5EJU
03202007 TI4JHQ 57 EDUARDO 50.110 LW5EJU
03232315 TI2NA 59+ 50.0785 B LW5EJU
03281809 TI2NA 53 50.0785 B LW5EJU
03282106 TI4JHQ 57 EDUARDO 50.110 LW5EJU
03282304 TI4JHQ 53 EDUARDO 50.130 LW5EJU
03302030 TI4JHQ 59+ EDUARDO 50.125 LW5EJU
03312022 TI5KD 59+ CARLOS 50.120 LW5EJU
03312038 TI2NA 57 50.0785 B LW5EJU

CUBA

03272039 CO2RK 59+ JORGE 50.120 LW5EJU
03302047 CO2LP 59+ NELSON 50.140 LW5EJU
03302116 CO2RK 59+JOEGE EL83 50.150 LW5EJU

DOMINICAN REPUBLIC

02250013 HI8HGS 57 RAFAEL 50.110 S LW5EJU
03052326 HI8ROX 59 RAFAEL 50.110 LW5EJU
03052356 HI8ROX 55 FK58>GF05 50.110 S LU8EWD
03152154 HI8ROX 59+ RAFAEL 50.110 LW5EJU
03152231 HI8ROX 59+FK58>GF05 50.125 S LU8EWD
03230000 HI8RHX 59 RAFAEL 50.115 LW5EJU
03272123 HI8N 59+ JOSE 50.120 LW5EJU

EL SALVADOR

03182330 YS1ECB 51 EDGARDO 50.110 LW5EJU

GRENADA: W3BO spoke with Michael, J37LD on 28.885. "He has heard one local visiting station so far. I told him about the J3EOC beacon and suggested he look south for TEP during the magic hours. He was unaware of the beacon, so hopefully by now he can at least verify operation of his rx/antenna. He is using a SMIRK-provided MFJ 8 Watt rig. He apparently is a real beginner at 6m operation, so if any of you folks in the Caribbean area hear him on any band, please assist him in his efforts to get up and running on 6."

03030050 J3EOC 50.056 B PP1CZ#
03060000 J3EOC 53 50.056 B LW5EJU
03081936 J3EOC 57 50.056 B LW5EJU
03152035 J3EOC 59 50.056 B LW5EJU
03162053 J3EOC 59 50.056 B LW5EJU
03200300 J3EOC 57 50.056 B LW5EJU

GUATEMALA

03172305 TG9AJR 57 J.CARLOS 50.120 LW5EJU
03172305 TG9AJR 59 EK44>GF05 50.115 S LU8EWD
03272225 TG9AJR 57 J.CARLOS 50.130 LW5EJU

HAITI

03152110 HH7PV 59+ PAT FK28 50.110 LW5EJU
03152145 HH7PV 59 FK38>GF05 50.110 S LU8EWD

HONDURAS

03190040 HR1/JE3XRX 55 EK64 50.115 S LU8EWD

MEXICO

03032311 XE1BEF 59+ HECTOR 50.110 LW5EJU
03032313 XE1BEF 59 DK89>GF05 50.110 S LU8EWD
03032314 XE1AVM 53 DK79 50.130 LW5EJU
03032314 XE1BEF 59 DK89 50.110 LW5EJU
03052237 XE1IK 56 EK08 50.130 S LU8EWD
03122238 XE1GE 59 >GF05TF 50.130 S LU8EWD
03132221 XE1OT 56 50.110 LU2EGQ#
03162102 XE1AQX 59 DK98 50.110 LW5EJU
03162129 XE1J 59 PEPE 50.110 LW5EJU
03162358 4A1AC 59 XE1BEF 50.134 S LU8EWD
03170002 XE1VV 57 LORENZO 50.117 LW5EJU
03170017 4A1AC 599 " " 50.133 C LU8EWD
03182343 XE1J 53 JOSE 50.110 LW5EJU
03222214 XE1AVM 53 ISMAEL 50.110 LW5EJU
03280019 XE1NVX 57 JURI EK09 50.110 LW5EJU
03280210 unID 2 XEW T OGLETHO
03280210 XHAGU 2 AGS XEQ 896 T OGLETHO
03280240 XHFM 2 VER Telev Veracruz T OGLETHO
03292024 XE1NVX 59+ YURI 50.126 LW5EJU
03292257 XE2HWB 51 50.140 LW5EJU
03302014 XE1NVX 54 JURI 50.110 LW5EJU
04232150 unID Es CAm/Mexico to 104.1 F WA5IYX

PANAMA

03120037 HP3XUG 599+ EJ98 50.110 C LU8EWD
03132301 W1LP/MM 59+ CANAL 50.110 LU2EGQ#

PUERTO RICO

03030102 WP4O 539 50.110 C PP1CZ#
03040045 KP4UK 55 FK68 50.120 LW5EJU
03052208 WP4O 59 FK68>GF05 50.110 S LU8EWD
03052225 WP4LUU 59 FK68 50.125 S LU8EWD
03052336 WP4O 59+ EDWIN 50.150 LW5EJU
03052345 KP4EIT 59+ PAPO 50.150 LW5EJU
03070021 WP4O 57 EDWIN 50.110 LW5EJU
03070027 KP4EIT 57 PAPO 50.130 LW5EJU
03072317 WP4LUU 59 LUIS 50.110 LW5EJU
03072319 WP4O 59 EDWIN 50.120 LW5EJU
03072327 KP4EIT 59 PAPO 50.120 LW5EJU
03081930 KP4EIT 59+ PAPO 50.120 LW5EJU
03081935 WP4O 59+ EDWIN 50.110 LW5EJU
03081936+KP3AR ---------- ------- LW5EJU
03082005 WP4CTD 57 ELI 50.150 LW5EJU
03082006 KP3AR 59 JOSE 50.150 LW5EJU
03082015 WP4LUU 59+ LUIS 50.140 LW5EJU
03100018 WP4O 57 EDWIN 50.110 LW5EJU
03102358 WP4O 59+ EDWIN 50.110 LW5EJU
03102359 WP4CTD 59+ FK68 50.125 S LU8EWD
03122126 KP4UK 59 FK68 50.130 S LU8EWD
03122231 WP4O 59+ EDWIN 50.130 LW5EJU
03122244 NP3GG 56 FK68 50.130 S LU8EWD
03130015 KP4Y 569 FK68 50.110 C LU8EWD
03132321 KP4EIT 57 PAPO 50.130 LW5EJU
03132321 KP4HX 57 BRAULIO 50.130 LW5EJU
03142222 KP4UK 57 MARCOS 50.110 LW5EJU
03151938 WP4O 59+ EDWIN 50.110 LW5EJU
03152004 WP4CTD 59+ ELI 50.130 LW5EJU
03152023 KP4EIT 59+ PAPO 50.140 LW5EJU
03152035 KP4UK 59+ MARCOS 50.110 LW5EJU
03152115 KP4Y 59+ ROBERTO 50.150 LW5EJU
03152320-KP4/WP4 STRONG H LU2EGQ#
03162050 WP4O 59+ EDWIN 50.110 LW5EJU
03162053 KP4UK 59+ MARCOS 50.110 LW5EJU
03162057 WP4CTD 57 ELI 50.110 LW5EJU
03162123 KP4Y 58 RPBERTO 50.150 LW5EJU
03162138 KP4HX 59 MARCOS 50.125 LW5EJU
03162149 NP3GG 52 ANGEL 50.130 LW5EJU
03172312 WP4O 57 EDWIN 50.110 LW5EJU
03180140 WP4LBK 51 JULIO 50.110 LW5EJU
03180141 WP4MSL 59 JOSE 50.120 LW5EJU
03182030 KP4UK 53 MARCOS 50.110 LW5EJU
03192120 KP4UK 55 MARCOS 50.110 LW5EJU
03202013 KP4EIT 59 PAPO 50.110 LW5EJU
03202031 WP4O 57 EDWIN 50.110 LW5EJU
03202142 KP4UK 59 MARCOS 50.110 LW5EJU
03222033 KP4EIT 59+ PAPO 50.125 LW5EJU
03232302 WP4O 59++EDWIN 50.110 LW5EJU
03262205 KP3A 57 ALFONZO 50.115 LW5EJU
03262205 KP4EIT 59 PAPO 50.115 LW5EJU
03262216 WP4NHQ 59 VICTOR 50.115 LW5EJU
03262227 WP4LXG 57 CARL EL89 50.115 LW5EJU
03262245 WP4CTD 57 ELI 50.130 LW5EJU
03262304 WP4O 55 EDWIN 50.110 LW5EJU
03272029 KP4/N2UST 59+ SEAN 50.115 LW5EJU
03272029 WP4O 59+ EDWIN 50.125 LW5EJU
03272144 KP4EIT 59 PAPO 50.125 LW5EJU
03272220 KP4HX 59 BRAULIO 50.130 LW5EJU
03282006 KP4EIT 59 PAPO 50.130 LW5EJU
03282108 WP4O 59 EDWIN 50.140 LW5EJU
03282131 KP4UK 59 MARCOS 50.130 LW5EJU
03291957 KP4EIT 53 PAPO 50.110 LW5EJU
03291958 KP4UK 53 MARCOS 50.110 LW5EJU
03292055 KP4UK 59+ MARCOS 50.120 LW5EJU
03292103 KP3A 59+ ALFNZO 50.110 LW5EJU
03292105 WP4O 59+ EDWIN 50.140 LW5EJU
03292249 WP4ARJ 59+ GILBERTO 50.125 LW5EJU
03302125 KP4UK 59 MARCOS 50.140 LW5EJU
03302133 WP4O 57 EDWIN 50.140 LW5EJU
03312034 KP4UK 59+ MARCOS 50.110 LW5EJU
03312100 KP4EIT 59 PAPO 50.130 LW5EJU

ST KITTS & NEVIS IS.

03081936 V44K 57 50.055 B LW5EJU
03222037 V44K 57 50.055 B LW5EJU
03262115 V44K 57 50.055 B LW5EJU
03272229 V44K 58 50.055 B LW5EJU

United States, W4

03030058 K4SC 549 50.110 C PP1CZ#
03162132 W4/WB2QLP 59 JORDAN 50.110 LW5EJU
03162137 AE4SW 51 EL27 50.125 LW5EJU
03162148 W4/WB2QLP 59 EL96 50.110 S LU8EWD
03162156 W4/K2RTH 57 BRUCE 50.125 LW5EJU
03162207 AE4RO 55 TOM EL97 50.140 LW5EJU
03162207 W4/K2RTH 59 EL95 50.125 S LU8EWD
03262125 WA4LOX 57 RON EL87 50.110 LW5EJU
03262133 KC4SUS 53 TOM EL97 50.105 LW5EJU
03262145 KC4SUS 57 EL95>GF05 50.105 S LU8EWD
03262156 WA4LOX 59 EL87>GF05 50.103 S LU8EWD
03262224 KQ4PI 53 JOHN EL99 50.115 LW5EJU
03262233 AE4SW 57 JOHN 50.125 LW5EJU
03262252 W4/K2RTH 52 BRUCE 50.130 LW5EJU
03272020 N4VHF 51 PAUL 50.130 LW5EJU
03272034 W4/W3BTX 57 BOB EL98 50.140 LW5EJU
03272047 W4/W3BTX 59+++EL98 50.125 S LU8EWD
03272048 W4/WA2LXG 59+ CARL 50.115 LW5EJU
03272050 AF4GK 59+ EL98 50.135 S LU8EWD
03272055 W4/WOVHF 59+ EL87 50.140 S LU8EWD
03272107 N4VHF 53 PAUL 50.110 LW5EJU
03272110 KC4SUS 59+++EL95 50.103 S LU8EWD
03272113 W4/WOVHF 59 LOWEL 50.130 LW5EJU
03272120 W4/W2VDI 59 FRAN 50.120 LW5EJU
03272122 W4AZR 57 M??? 50.120 LW5EJU
03272125 AF4GK 57 JIM 50.120 LW5EJU
03272132 KF4RLQ 51 50.125 LW5EJU
03272134 K4SC 59 PITER 50.125 LW5EJU
03272138 KF4PTW 58 JOHN EL98 50.125 LW5EJU
03282047 W4/K2RTH 57 EL95 50.150 LW5EJU
03292129 W4RCC 57 CONRAD 50.125 LW5EJU
03292130 AD4MH 59 GREG EL95 50.125 LW5EJU
03292135 N4KJP 59 CARLOS 50.125 LW5EJU
03292137 KF4OUH 59 50.125 H LW5EJU
03302006 W4/W3BTX 59+ EL98 50.125 S LU8EWD
03302014 N4VHF 58 EM70 50.125 S LU8EWD
03302016 W4/W3BTX 59 BOB EL98 50.140 LW5EJU
03302030 KF4JHI 57 EL97 50.130 S LU8EWD
03302032 AI4R 57 STEVE 50.125 LW5EJU
03302035 AI4R 59++ EL96 50.130 S LU8EWD
03302044 KF4KJF/M 57 BEN 50.125 LW5EJU
03302050 KF4TYB 55 EL87 50.130 S LU8EWD
03302053 KF4UMP 59 JOHN 50.140 LW5EJU
03302058 WA4STJ 55 JIM 50.150 LW5EJU
03302114 W4/WB2QLP 59 JORDAN 50.125 LW5EJU
03312044 N4VHF 51 PAUL 50.130 LW5EJU

United States, W5

03071940 W5 NM > CM88 H K6QXY
03262151 WA5UUD 57 JACK EL49 50.125 LW5EJU
03262327 W5/W6JKV 59 EM10 50.110 LW5EJU
03282041 W5UWB 57 JOHN 50.140 LW5EJU
03292140 WA5RT 53 50.130 H LW5EJU
03292141 WA5UUD 55 JACK 50.130 LW5EJU
03312114 WA5UUD 51 JACK EL49 50.110 LW5EJU

United States, W6

04041706 AA6DD DM13 S XE2HWB
04041718 K6GMV DM14 S XE2HWB
04041720 WB6HYH DM14 S XE2HWB
04041721 K6PHE DM14 S XE2HWB
04221645 KD6FYK CM88 > DM59 50.125 S WOMTK
04221646 KA6VNU CM88 > DM59 50.125 S WOMTK

United States, W7

04090200-W7 CN85 W KC7UTU

United States, W0

03050341 W0 CO > CM88 H K6QXY
03262140 W0VHF 57 LOWEL 50.110 LW5EJU
04091510 K0YMQ EM28 > DM79 W W6OAL/0

Reports of Oceania

OCEANIA, Western Pacific Waters

04051022 QT03 350° DRIFTNET 43.520 B VK3SIX
04051022 U28 350° DRIFTNET 43.440 B VK3SIX

AUSTRALIA, General

04040345 VK.TV.CH0 180° 51-55 46.250 V JI1WMI
04060335 VK.TV.CH0 180° 51-59 46.250 V JI1WMI

Australian Capital Terr.

04100906 VK1RX >PM63 50.133 H JA5CMO
04100924 VK1RX >PM85 50.133 H JE2DWE

Australia-New South Wales

03072147 VK2QF S4/S2 Es S EL2TPY
03130519 VK2YHN 50.125 S JR2HCB
03210445 VK2RSY/B QF56 52.420 B JR2HCB
03230512 VK2QF 50.110 C JR2HCB
03250730 VK2QF 50.110 C JR2HCB
03250820 VK2QF 50.110 C JR2HCB
03260029+VK2 TV S1 BS 10° 46.17 V EL4AAA
03280718 VK2APG >PM85 50.110 H JE2DWE
03282340 VK2BA S5+ 50. W EL4AAA
03290230 VK2 ch0 >QM05 46.24 V JA1VOK
03300437 VK2YHN >PM96 50.140 S JH1WHS
03300655 VK2FZ/4 >PM85 50.110 H JE2DWE
04031050 VK2 ch0 >QM05 46.24 V JA1VOK
04070630 VK2 ch0 >PM85 51.740 F JE2DWE
04070736 VK2DN >PM85 50.110 H JE2DWE
04070749 VK2APG >PM85 50.120 S JE2DWE
04070957 VK2BA 160° 53 50.110 H JA5FFJ
04071008 VK2ME 160° 56 50.125 S JA5FFJ
04071010 VK2PB 50.130 H JE2XBY
04071030 VK2PB >QM05 50.130 H JA1VOK
04100425 VK2QF >PM85 50.110 H JE2DWE
04100830 VK2QF >PM85 50.110 H JE2DWE
04100913 VK2QF >PM63 50.106 H JA5CMO
04110458 VK2DN >PM85 50.110 H JE2DWE
04130541 VK2QF >PM85 50.110 H JE2DWE
04130651 VK2BA >PM85 50.110 H JE2DWE
04180318 VK2 ch0 >QM05 46.24 V JA1VOK

Australia-Victoria-VK3

03190453 VK3SIX QF02 50.110 C JR2HCB
03190657 VK3SIX QF02 50.110 C JR2HCB
03230420 VK3AMK 50.102 C JA1
03230424 VK3SIX QF02 50.110 C JA1
03250815 VK3SIX/B QF02 50.053 B JI1WMI
03250840 VK3SIX QF02 50.110 C JR2HCB
03251022 VK3ALM 50.110 C JR2HCB
03251100 VK3SIX QF02 50.110 C JR2HCB
03290940 VK3SIX >QM05 50.130 S JA1VOK
03291002 VK3SIX QF02 50.130 S JA2-6
04050950 VK3SIX 170° 59 50.125 S JA5FFJ
04060245 VK3OT 50.110 C V73AT
04060343 VK3SIX cqing 50.110 H JH0MHE
04060438 VK3AMK >PM96 50.125 S JH1WHS
04070455 VK3AMK >PM85 50.125 S JE2DWE
04070457 VK3CNX >PM85 50.135 S JE2DWE
04070512 VK3XQ >PM85 50.142 H JE2DWE
04070708 VK3SIX >PM85 50.110 S JE2DWE
04070735 VK3DQJ >PM85 50.120 S JE2DWE
04070738 VK3AMS >PM85 50.110 H JE2DWE
04070742 VK3DQJ 190° 50.120 S JH6BME
04070750 VK3DQJ 180° 51-59 50.120 H JI1WMI
04070800 VK3AMK >PM85 50.140 H JE2DWE
04090440 VK3XQ >PM95 50.110 H JE1TGH
04090452 VK3AMK 170° 59 50.125 S JR2HCB
04090455 VK3AMK >PM95 50.120 S JE1TGH
04090457 VK3XQ 180° 55 50.125 S JF2VWV
04090500 VK3AMS 180° 53-58 50.125 S JI1WMI
04090501 VK3CNX 170° 57 50.135 S JR2HCB
04090928 VK3SIX >PM85 50.125 H JE2DWE
04090935 VK3SIX >PM63 50.125 H JA5CMO
04090936 VK3AMK >PM63 50.130 H JA5CMO
04090936 VK3XQ >PM63 50.145 H JA5CMO
04090941 VK3COT >PM63 50.110 H JA5CMO
04090942 VK3CAT >PM85 50.155 S JE2DWE
04090942 VK3SIX 180° 599 50.125 H JE2XBY
04090948 VK3XQ >PM85 50.145 H JE2DWE

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04090949 VK3XQ   180° 59        50.145 H JE2XBY
04090952 VK3AMK      >PM85      50.127 H JE2DWE
04100529 VK3SIX      >PM85      50.110 H JE2DWE
04100801 VK3ANP      >PM85      50.135 S JE2DWE
04100914 VK3XQ       >PM63      50.137 H JA5CMO
04100915 VK3SIX      >PM63      50.170 H JA5CMO
04100917 VK3AMK      >PM63      50.110 H JA5CMO
04100924 VK3XQ       >PM85      50.137 H JE2DWE
04100928 VK3NM       >PM63      50.127 H JA5CMO
04100938 VK3NM       >PM85      50.127 H JE2DWE
04100943 VK3ALM      >PM85      50.115 H JE2DWE
04110454 VK3SIX      >PM85      50.110 H JE2DWE
04130605 VK3DQJ      >PM85      50.108 H JE2DWE
04160505 VK3SIX      >PM96      50.125 S JH1WHS
04240735 VK3DQJ      >PM95      50.120 S JE1TGN
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Australia-Queensland-VK4

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02111007 VK4RGG 559             50.068 B EL2TPY
02131012 VK4RGG 559             50.068 B EL2TPY
02190650 VK4RGG 559  -0845      50.068 B EL2TPY
03010350 VK4DO         QG49 50.145 S JE3PCP
03010355 VK4WTH                 50.155 S JE3PCP
03010356 VK4BRK                 50.140 S JE3PCP
03010400 VK4KGP                 50.1   S JE3PCP
03010408 VK4GPS        QG62 50.150 S JE4JFP
03010410 VK4DO         QG49 50.145 S JE4JFP
03010424 VK4GPS        QG62 50.104 C JE4JFP
03010443 VK4DV         QG56 50.139 S JH0BQX
03030546 VK4FNQ        QH30 50.130 S JH4EHF
03030556 VK4DO         QG49 50.125 S JH4EHF
03030641 VK4FNQ        QH30 50.130 S JL3IVM
03050426 VK4DV         QG56 50.130 S JN1BBE
03070448 VK4ABW              50.140 S JL3IVM
03072255 VK4DO               50.1   S EL2TPY
03100335 VK4AFL              50.160 S JR2SQZ
03100350 VK4CWJ              50.125 S JR2SQZ
03100405 VK4GPS        QG62 50.110 S JR2SQZ
03110345 VK4GPS        QG62 50.110 S JR2HCB
03110347 VK4DO         QG49 50.110 S JR2HCB
03110348 VK4VV               50.110 S JR2HCB
03110351 VK4APG        QG62 50.110 S JR2HCB
03110355 VK4BRG/B      QG48 50.077 B JR2HCB
03110401 VK4FNQ        QH30 50.110 S JR2HCB
03120330 VK4DO         QG49 50.110 S JR2HCB
03120444 VK4KK         QG62 50.160 S JR2HCB
03120454 VK4AFL              50.180 S JR2HCB
03120505 VK4AHW              50.170 S JR2HCB
03120510 VK4TZL        QG46 50.135 S JI1CPW
03120514 VK4DUG              50.110 S JI1CPW
03120515 VK4BRG        QG48 50.110 S JR2HCB
03120600 VK4YNC              50.110 S JR2HCB
03130413 VK4APG        QG62 50.180 S JH0BQX
03130429 VK4KK         QG62 50.110 S JR2SQZ
03130430 VK4AFL              50.110 S JR2SQZ
03130430 VK4BRG        QG48 50.110 S JR2HCB
03130445 VK4KJL              50.165 S JH0BQX
03130445 VK4KR         QG63 50.170 S JR2SQZ
03130450 VK4BRG/B      QG48 50.077 B JR2HCB
03130450 VK4KJL              50.160 S JR2HCB
03130450 VK4PU               50.101 C JH0BQX
03130455 VK4PU               50.100 C JR2SQZ
03130456 VK4KR         QG63 50.135 S JH0BQX
03130500 VK4CWJ              50.125 S JR2HCB
03130505 VK4GPS        QG62 50.105 C JH0BQX
03130522 VK4WTH              50.180 S JH0BQX
03140435 VK4KK         QG62 50.110 S JR2HCB
03140436 VK4AFL              50.140 S JR2HCB
03140441 VK4FNQ        QH30 50.150 S JR2HCB
03140442 VK4APG        QG62 50.110 S JR2HCB
03140445 VK4BRG/B      QG48 50.077 B JR2HCB
03140450 VK4/VK2FZ     QG63 50.096 C JR2HCB
03140457 VK4FNQ        QH30 50.150 S JA7KHQ
03140457 VK4TZL        QG46 50.150 S JI1CPW
03140501 VK4KK         QG62 50.130 S JI1CPW
03140510 VK4FNQ        QH30 50.149 S JE4JFP
03140520 VK4AR               50.130 S JR2HCB
03140535 VK4/VK2FZ     QG63 50.096 C JE4JFP
03140548 VK4FNQ        QH30 50.150 S JH0BQX
03140556 VK4RO               50.130 S JR2HCB
03140600 VK4RO               50.130 S JR2HCB
03140621 VK4ABP/B      QG26 52.347 B JR2HCB
03150530 VK4TL         QH23 50.110 S JR2HCB
03150540 VK4TL         QH23 50.115 S JI1CPW
03150544 VK4TL         QH23 50.115 S JA3
03150545 VK4TL         QH23 50.110 S JR2SQZ
03150547 VK4TL         QH23 50.115 S JE4JFP
03150550 VK4/VK2FZ     QG63 50.115 C JE4JFP
03160202 VK4  TV S5  -0500     46.17 V EL4AAA
03160348 VK4GPS        QG62 50.105 C JA1
03160550 VK4TL         QH23 50.115 S JR2HCB
03170030 VK4  TV S2  -0445     46.17 V EL4AAA
03170334 VK4BRG/B      QG48 50.077 B JR2HCB
03170341 VK4DO         QG49 50.130 C JR2HCB
03170348 VK4DO         QG49 50.110 S JR2HCB
03170348 VK4LE               50.110 S JR2HCB
03170357 VK4ABP/B      QG26 52.347 B JR2HCB
03170407 VK4DB         QH30 50.105 C JE2XBY
03170413 VK4/VK2FZ     QG63 50.096 C JR2HCB
03170438 VK4RIK/B            52.445 B JR2HCB
03170530 VK4AFL              50.110 S JR2HCB
03180516 VK4RIK/B            52.445 B JR2HCB
03180628 VK4DB         QH30 50.110 S JR2HCB
03190054 VK4RGG 559                 B EL2TPY
03190200 VK4 TV S2  BS 0°      46.17 V EL4AAA
03190309 VK4/VK2FZ     QG63 50.111 C JR2HCB
03190311 VK4APG        QG62 50.110 S JR2HCB
03190311 VK4KJL              50.165 S JR2HCB
03190334 VK4WTH              50.110 S JR2HCB
03190347 VK4KK         QG62 50.110 S JR2HCB
03190351 VK4LR               50.120 S JR2HCB
03190356 VK4/VK2FZ     QG63 50.096 C JR2HCB
03190430 VK4BRG/B      QG48 50.077 B JE2XBY
03190436 VK4ABP/B      QG26 52.347 S JR2HCB
03190516 VK4AFL              50.110 S JR2HCB
03190520 VK4WTH              50.110 C JR2HCB
03190543 VK4AFL              50.110 S JR2HCB
03190553 VK4DO         QG49 50.110 C JR2HCB
03190606 VK4/VK2FZ     QG63 50.110 C JR2HCB
03190606 VK4DO         QG49 50.110 C JR2HCB
03190740 VK4ABP/B      QG26 52.347 B JR2HCB
03190832 VK4FP               50.110 C JR2HCB
03190933 VK4DO         QG49 50.150 C JE2XBY
03190941 VK4AFL              50.109 S JE2XBY
03200520 VK4ABP/B      QG26 52.347 B JR2HCB
03200547 VK4/VK2FZ     QG63 50.111 C JR2HCB
03200556 VK4DO         QG49 50.110 C JR2HCB
03200606 VK4LE               50.110 S JR2HCB
03210430 VK4RIK/B            52.445 B JR2HCB
03210535 VK4HT               50.110 S JR2HCB
03211111 VK4RIK/B            52.445 B JR2HCB
03220010 VK4 TV S1  BS 0°      46.17 V EL4AAA
03220318 VK4GPS        QG62 50.110 S JF2HEV
03220350 VK4/VK2FZ     QG63 50.097 C JR2HCB
03221115 VK4TL         QH23 50.110 S JE2XBY
03221151 VK4TL         QH23 50.110 S JR2HCB
03221158 VK4TL         QH23 50.110 S JR6
03230230 VK4APG        QG62 50.150 S JR8DAG
03230356 VK4/VK2FZ     QG63 50.110 C JR2HCB
03230418 VK4DO         QG49 50.110 S JR2HCB
03240509 VK4GPS        QG62 50.110 C JE2DWE
03240513 VK4/VK2FZ     QG63 50.096 C JR2HCB
03240521 VK4ABP/b    >PM85  52.3465 B JE2DWE
03240606 VK4DO         QG49 50.149 C JE2DWE
03240948 VK4DO       >PM85  50.110 H JE2DWE
03240949 VK4DO         QG49 50.110 S JR2HCB
03241021 VK4RIK/b    >PM85  52.445 B JE2DWE
03241022 VK4GPS        QG62 50.110 C JR2HCB
03241023 VK4RIK/B           52.445 B JR2HCB
03241027 VK4GPS      >PM85  50.130 H JE2DWE
03242335 VK4 TV S1  BS 10°     46.17 V EL4AAA
03250202 VK4 TV S2  BS 350°    46.17 V EL4AAA
03251019 VK4RIK/B           52.445 B JR2HCB
03251100 VK4RIK/B           52.445 B JR2HCB
03251121 VK4FV              50.109 C JR2HCB
03260029 VK4 TV S2  BS 10°     46.17 V EL4AAA
03260503 VK4ABP/b    >PM85  52.345 B JE2DWE
03260517 VK4ABW      >PM85  50.110 H JE2DWE
03260549 VK4ABW      >PM96  50.150 S JH1WHS
03280010 VK4 TV S2  BS 0°      46.17 V EL4AAA
03280358 VK4YNC      >QM05  50.110 H JA1VOK
03280404 VK4YNC      >PM85  50.130 H JE2DWE
03280411 VK4RO       >QM05  50.150 H JA1VOK
03280416 VK4APG      >QM05  50.170 H JA1VOK
03280416 VK4WTH      >QM05  50.180 H JA1VOK
03280426 VK4ABP/b    >PM85  52.3465 B JE2DWE
03280441 VK4APG      >PM85  50.110 H JE2DWE
03280510 VK4 ch0     >PM85  51.672 F JE2DWE
03280510 VK4RIK/b    >PM85  52.445 B JE2DWE
03280530 VK4YNC      >PM85  50.110 H JE2DWE
03280553 VK4HT       >PM85  50.120 H JE2DWE
03280632 VK4RIK/b    >QM05  52.445 B JA1VOK
03280705 VK4APG      >QM05  50.130 S JA1VOK
03280706 VK4JSR      >QM05  50.140 H JA1VOK
03280710 VK4KJL      >QM05  50.110 H JA1VOK
03280713 VK4KK       >QM05  50.140 H JA1VOK
03280714 VK4FP       >QM05  50.110 H JA1VOK
03280952 VK4RIK/b    >PM85  52.445 B JE2DWE
03280955 VK4RIK/b    >QM05  52.445 B JA1VOK
03281002 VK4DB       >QM05  50.110 H JA1VOK
03281026 VK4ABW      >QM05  50.110 H JA1VOK
03290355 VK4TVI      >QM05  50.110 H JA1VOK
03290405 VK4GPS      >QM05  50.105 H JA1VOK
03290419 VK4FP       >QM05  50.110 H JA1VOK
03290420 VK4 ch0     >QM05  51.672 F JA1VOK
03290440 VK4ABP/b    >QM05  52.3465 B JA1VOK
03290450 VK4BRG/b    >QM05  50.0775 B JA1VOK
03290450 VK4RGG/b    >QM05  50.058 B JA1VOK
03290451 VK4BU       >QM05  50.180 H JA1VOK
03290451 VK4YNC      >QM05  50.151 H JA1VOK
03290453 VK4KK       >QM05  50.101 H JA1VOK
03290514 VK4JSR      >QM05  50.110 H JA1VOK
03290530 VK4DO       >QM05  50.110 H JA1VOK
03290855 VK4RO       >QM05  50.110 H JA1VOK
03290910 VK4JH       >QM05  50.110 H JA1VOK
03290916 VK4FP       >QM05  50.110 H JA1VOK
03291002 VK4DB       >PM85  50.110 H JE2DWE
03300310 VK4s S4  F2 BS WKG KH6 50.    H EL4AAA
03300335 VK4BRG/b    >PM85  50.0775 B JE2DWE
03300335 VK4RGG/b    >PM85  50.058 B JE2DWE
03300337 VK4AFL      >PM85  50.110 H JE2DWE
03300408 VK4ABP/b    >PM85  52.3465 B JE2DWE
03300408 VK4AFL      >PM96  50.190 S JH1WHS
03300439 VK4RGG/b    >PM96  50.058 B JH1WHS
03300441 VK4BRG/b    >PM96  50.0775 B JH1WHS
03300744 VK4FP       >PM85  50.110 H JE2DWE
03300745 VK4FP       >PM96  50.160 S JH1WHS
04010455 VK4 cho     >PM85  51.672 F JE2DWE
04010455 VK4ABP/b    >PM85  52.3465 B JE2DWE
04010455 VK4RIK/b    >PM85  52.445 B JE2DWE
04020813 VK4DO   228° 51       50.110 S KH7R
04020902 VK4DO               50.110 S V73AT
04030905 VK4 ch0     >QM05  51.672 F JA1VOK
04030955 VK4RIK/b    >QM05  52.445 B JA1VOK
04031049 VK4RIK/b    >PM85  52.445 B JE2DWE
04040435 VK4GPS  170°559-599 50.110 C JI1WMI
04040445 VK4KK   180° 55-59  50.120 S JI1WMI
04040450 VK4KK       >QM05  50.120 H JA1VOK
04040453 VK4GPS      >QM05  50.150 H JA1VOK
04040459 VK4YNC      >QM05  50.110 H JA1VOK
04040500 VK4BRG/b    >QM05  50.0775 B JA1VOK
04040504 VK4YNC      >PM85  50.160 H JE2DWE
04040508 VK4AFL      >QM05  50.110 H JA1VOK
04040509 VK4GPS      >PM85  50.150 H JE2DWE
04040525 VK4 ch0     >QM05  51.672 F JA1VOK
04040525 VK4ABP/b    >QM05  52.3465 B JA1VOK
04040525 VK4RGG/b    >QM05  50.058 B JA1VOK
04040532 VK4ARN      >QM05  50.110 H JA1VOK
04040540 VK4ABP/b    >PM85  52.3465 B JE2DWE
04040716 VK4KJL      >PM85  50.110 H JE2DWE
04040840 VK4BRG  220°          50.120 S KH7R
04050236 VK4BRG  360°          50.077 B VK3SIX
04050236 VK4WTH VK4ABW > QF02        H VK3SIX
04050555 VK4ABP/b    >QM05  52.3465 B JA1VOK
04050626 VK4ABP/b    >PM85  52.3465 B JE2DWE
04050916 VK4TL   175°          50.110 S 7J6CCU
04060400 VK4'S   160°          50.    H JR1ERU
04060445 VK4DMI      >PM96  50.120 S JH1WHS
04060450 VK4'S   160°          50.    H JR1ERU
04060455 VK4WTH      >PM96  50.150 S JH1WHS
04060500 VK4WTH  180° 54-59  50.150 H JI1WMI
04060502 VK4BRG  180° 51-55  50.0775 B JI1WMI
04060505 VK4ABW      >PM96  50.187 S JH1WHS
04060539 VK4 ch0     >PM96  51.672 F JH1WHS
04060610 VK4CRO      >PM96  50.110 S JH1WHS
04060627 VK4CRO  180° 51-53  50.130 S JI1WMI
04060942 VK4RO               50.110 S V73AT
04070606 VK4RIK/b    >PM85  52.445 B JE2DWE
04070933 VK4KK       >PM85  50.110 H JE2DWE
04071019 VK4RIK/b    >PM85  52.445 B JE2DWE
04071030 VK4RIK/b    >QM05  52.445 B JA1VOK
04080930 VK4RO               50.110 S JR2HCB
04091000 VK4FNQ      >PM85  50.175 H JE2DWE
04091001 VK4FNQ      >PM63  50.175 H JA5CMO
04091030 VK4ABP      345°   52.345 B VK3SIX
04100342 VK4JSR      >PM85  50.110 H JE2DWE
04100413 VK4GPS      >PM85  50.110 H JE2DWE
04100429 VK4LR       >PM85  50.140 H JE2DWE
04100439 VK4KGP      >PM85  50.140 H JE2DWE
04100445 VK4YPM      >PM85  50.170 S JE2DWE
04100523 VK4ABP/b    >PM85  52.3465 B JE2DWE
04100941 VK4RIK/b    >PM85  52.445 B JE2DWE
04101054 VK4FNQ      >PM63  50.180 H JA5CMO
04110520 VK4GPS      >PM85  50.106 H JE2DWE
04110522 VK4ABP/b    >PM85  52.3465 B JE2DWE
04110630 VK4JH       >PM85  50.125 H JE2DWE
04110648 VK4JH       >PM63  50.130 H JA5CMO
04110655 VK4RIK/b    >PM85  52.445 B JE2DWE
04110933 VK4RIK/b    >PM85  52.445 B JE2DWE
04111005 VK4BLK      >PM85  50.145 H JE2DWE
04111013 VK4RO       >PM85  50.155 H JE2DWE
04111027 VK4ABW      >PM63  50.110 H JA5CMO
04111115 VK4BLK      >PM96  50.110 S JH1WHS
04130458 VK4CRO      >PM85  50.160 S JE2DWE
04130506 VK4TZL      >PM85  50.130 H JE2DWE
04130542 VK4TZC      >PM85  50.110 H JE2DWE
04130549 VK4ABP/b    >PM85  52.3465 B JE2DWE
04130615 VK4TJC      >PM85  50.110 H JE2DWE
04130700 VK4ABW      >PM85  50.110 H JE2DWE
04130815 VK4JSR      >PM85  50.110 H JE2DWE
04130817 VK4ZYZ      >PM85  50.168 H JE2DWE
04130831 VK4JSR      >PM96  50.160 S JH1WHS
04130843 VK4ZYZ      >PM96  50.167 S JH1WHS
04130910 VK4GPS      >PM63  50.140 H JA5CMO
04130911 VK4ZYZ      >PM63  50.168 H JA5CMO
04130916 VK4KK       >PM63  50.187 H JA5CMO
04130920 VK4ZJR      >PM96  50.218 S JH1WHS
04130938 VK4RIK/b    >PM85  52.445 B JE2DWE
04131008 VK4DO       >PM63  50.110 H JA5CMO
04140410 VK4RGG/b    >PM95  50.058 B JS1MPX
04141027 VK4ABW      >PM96  50.140 S JH1WHS
04150436 VK4GPS      >PM85  50.110 H JE2DWE
04150443 VK4ABP/b    >PM85  52.3465 B JE2DWE
04150449 VK4KK       >PM85  50.110 H JE2DWE
04151040 VK4RIK/b    >PM85  52.445 B JE2DWE
04160420 VK4ABW      >PM96  50.120 S JH1WHS
04160935 VK4FNQ/P QG39>PM96 50.160 S JH1WHS
04170954 VK4DO       >PM85  50.110 H JE2DWE
04170954 VK4RIK/b    >PM85  52.445 B JE2DWE
04171045 VK4RIK/b    >QM05  52.445 B JA1VOK
04180910 VK4ABP/b    >PM85  52.3465 B JE2DWE
04180916 VK4RIK/b    >PM85  52.445 B JE2DWE
04180924 VK4ABW      >PM85  50.110 H JE2DWE
04180926 VK4ABP/b    >QM05  52.3465 B JA1VOK
04180926 VK4ABW      >QM05  50.110 H JA1VOK
04180926 VK4RIK/b    >QM05  52.445 B JA1VOK
04180937 VK4TL       >PM85  50.109 H JE2DWE
04180944 VK4ABW      >PM96  50.140 S JH1WHS
04191023 VK4BLK      >PM85  50.110 H JE2DWE
04191024 VK4BLK      >PM74  50.110 H JA3EGE
04210703 VK4ABW      >PM85  50.110 H JE2DWE
04210710 VK4ABW      >PM96  50.150 S JH1WHS
04210726 VK4BLK      >PM85  50.110 H JE2DWE
04210736 VK4BLK      >PM96  50.130 S JH1WHS
04210926 VK4ABW      >PM63  50.120 H JA5CMO
04211026 VK4RIK/b    >PM85  52.445 B JE2DWE
04260347 VK4JH       >QM05  50.110 S JA1VOK
04260357 VK4ABW      >QM05  50.120 S JA1VOK
04260414 VK4FNQ      >QM05  50.150 S JA1VOK
04260430 VK4ABW      >PM96  50.120 S JH1WHS
04260941 VK4 TV-CH0  >QM05  51.672 F JA1VOK
04260941 VK4RIK/b    >QM05  52.445 B JA1VOK
04260952 VK4ABP/b    >QM05  52.3465 B JA1VOK
04260958 VK4BKS      >PM63  50.105 H JA5CMO
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South Australia-VK5

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03251029 VK5ZBK              50.110 S JR2HCB
03251030 VK5ZFK              50.150 S JA1-6
03251035 VK5ZFK              50.150 S JI1WMI
03290935 VK5RO       >PM63  50.130 S JA5CMO
03291023 VK5ZBK      >QM05  50.110 H JA1VOK
04040530 VK5BC   345° QE05  50.111 C VK3SIX
04051005 VK5BC   180° 559   50.110 H JA5FFJ
04060550 VK5BC              50.110 S JI1NJC
04060550 VK5BC       >PM96  50.110 S JH1WHS
04060615 VK5NY       >PM96  50.150 S JH1WHS
04060621 VK5NY   180°       50.150 S JF2VWV
04070637 VK5BC       >PM85  50.110 H JE2DWE
04070644 VK5BC   180°       50.111 H JS1MPX
04070717 VK5BC       >PM85  50.110 H JE2DWE
04090807 VK5NY       >PM85  50.130 S JE2DWE
04100820 VK5NY       >PM85  50.110 H JE2DWE
04100824 VK5HS       >PM85  50.140 H JE2DWE
04100824 VK5ZTS      >PM85  50.140 H JE2DWE
04100837 VK5BC       >PM85  50.110 H JE2DWE
04100905 VK5NY       >PM63  50.110 H JA5CMO
04100910 VK5ZBK      >PM63  50.160 H JA5CMO
04100916 VK5VF/b     >PM85  52.450 B JE2DWE
04100948 VK5DK       >PM85  50.140 H JE2DWE
04101003 VK5DK       >PM63  50.140 H JA5CMO
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04130607 VK5BC >PM85 50.108 H JE2DWE

West Australia-VK6

03290445 VK6ZT >QM05 50.120 S JA1VOK
03290553 VK6ZPP >QM05 50.151 S JA1VOK
03290604 VK6IP >QM05 50.113 S JA1VOK
03290612 VK6RPH/b >QM05 50.066 B JA1VOK
03290625 VK6HK >QM05 50.180 S JA1VOK
03300759 VK6XLR >PM85 50.110 H JE2DWE
04030833 VK6RPH/b >PM85 50.066 B JE2DWE
04030842 VK6IP >QM05 50.105 H JA1VOK
04030854 VK6RPH 200° 569 50.066 B JA1RJU
04030900 VK6IP 190° 559 50.105 H JE4JFP/4
04030927 VK6IP >PM85 50.110 H JE2DWE
04030928 VK6WD >PM85 50.110 H JE2DWE
04030930 VK6WD 200° 58-52 50.120 H JI1WMI
04030958 VK6IP >PM96 50.105 C JH1WHS
04031005 VK6RPH >QM05 50.066 B JA1VOK
04050500 VK6RPH 210° 559 50.065 B JE4JFP
04050606 VK6IP >PM85 50.110 H JE2DWE
04071024 VK6JQ 599 >PM74 50.087 H JA3EGE
04071037 VK6JQ >QM05 50.100 H JA1VOK
04081235 VK6JQ 50.098 C JH6VXP
04091003 VK6JQ >PM63 50.084 H JA5CMO
04100549 VK6ACY >PM85 50.150 S JE2DWE
04100557 VK6YU >PM85 50.145 H JE2DWE
04100610 VK6IP >PM85 50.110 H JE2DWE
04100614 VK6RPH/b >PM85 50.066 B JE2DWE
04100624 VK6KRC >PM85 50.175 S JE2DWE
04100637 VK6HK >PM85 50.180 S JE2DWE
04100644 VK6AOM >PM85 50.125 S JE2DWE
04101031 VK6JQ >PM63 50.087 H JA5CMO
04110641 VK6BAJ >PM85 50.135 S JE2DWE
04110658 VK6RO >PM85 50.110 H JE2DWE
04110716 VK6AOM >PM85 50.144 H JE2DWE
04110736 VK6JJ >PM85 50.175 H JE2DWE
04110742 VK6KRC >PM85 50.150 H JE2DWE
04110743 VK6JJ >PM96 50.174 S JH1WHS
04110749 VK6KRC >PM96 50.150 S JH1WHS
04110759 VK6RO >PM96 50.100 C JH1WHS
04110809 VK6TRC >PM85 50.120 S JE2DWE
04110813 VK6ZRY >PM85 50.150 H JE2DWE
04110819 VK6ZRY >PM96 50.150 S JH1WHS
04110840 VK6JJ >PM63 50.110 H JA5CMO
04110957 VK6JQ >PM85 50.085 H JE2DWE
04111007 VK6JQ >PM63 50.079 H JA5CMO
04130930 VK6WD >PM85 50.110 H JE2DWE
04130934 VK6WD >PM96 50.150 S JH1WHS
04130957 VK6JQ >PM63 50.094 H JA5CMO
04150649 VK6ACY >PM85 50.110 H JE2DWE
04150656 VK6HK >PM85 50.110 H JE2DWE
04151043 VK6JQ >PM85 50.095 H JE2DWE
04191025 VK6JQ >PM74 50.087 H JA3EGE

Australia-Tasmania-VK7

04090939 VK7GUM >PM63 50.110 H JA5CMO

Australia-Northern Terr.

03010415 VK8RAS/B PG66 50.047 B JE4JFP
03140508 VK8RAS/B PG66 50.047 B JR2HCB
03150537 VK8RAS/B PG66 50.047 B JR2HCB
03161200 VK8VF/B PH57 50.057 B JR2HCB
03170339 VK8RAS/B PG66 50.047 B JR2HCB
03170415 VK8RAS/B PG66 50.047 B JE2XBY
03171130 VK8PH 50.150 S JR2HCB
03180445 VK8RAS/B PG66 50.047 B JE2XBY
03180515 VK8RAS/B PG66 50.047 B JE2XBY
03180728 VK8RAS/B PG66 50.047 B JR2HCB
03181238 VK8PH 50.110 C JR2HCB
03190500 VK8RAS/B PG66 50.047 B JR2HCB
03190600 VK8RAS/B PG66 50.047 B JR2HCB
03191000 VK8RAS/B PG66 50.047 B JE2XBY
03191115 VK8PH 50.110 S JE2XBY
03191215 VK8MS PH57 50.110 S JE2XBY
03200523 VK8RAS/B PG66 50.047 B JR2HCB
03200650 VK8RAS/B PG66 50.047 B JR2HCB
03211046 VK8KTC PH86 50.110 S JE2XBY
03211055 VK8PH 50.110 S JE2XBY
03211217 VK8KTC PH86 50.110 S JR2HCB
03211217 VK8PH 50.110 S JR2HCB
03211325 VK8PH 50.110 S JE2XBY
03220240 VK8RAS/B PG66 50.047 B JR2HCB
03220310 VK8RAS/B PG66 50.047 B JR2HCB
03221058 VK8MS PH57 50.110 S JE2XBY
03221119 VK8KTC PH86 50.110 S JE2XBY
03221157 VK8KTC PH86 50.110 S JR2HCB
03221159 VK8PH 50.110 S JR2HCB
03240509 VK8RAS/B PG66 50.047 B JE2DWE
03240717 VK8RAS/B PG66 50.047 B JR2HCB
03240949 VK8RAS/B PG66 50.047 B JE2DWE
03241023 VK8RAS/B PG66 50.047 B JR2HCB
03241029 VK8KTC >PM85 50.130 H JE2DWE
03241115 VK8PH 50.110 S JR2HCB
03251155 VK8MS PH57 50.110 S JR2HCB
03251200 VK8RH/B 52.200 B JR2HCB
03280426 VK8RAS/b >PM85 50.0465 B JE2DWE
03280600 VK8RAS/b >QM05 50.0465 B JA1VOK
03281201 VK8AH >QM05 50.110 H JA1VOK
03281203 VK8PH >QM05 50.105 H JA1VOK
03290449 VK8RAS/b >QM05 50.0465 B JA1VOK
03290945 VK8RAS/b >QM05 50.0465 B JA1VOK
03291008 VK8RAS/B PG66 50.047 B JA3
03300408 VK8RAS/b >PM85 50.0465 B JE2DWE
04010455 VK8RAS/b >PM85 50.0465 B JE2DWE
04040539 VK8RAS/b >QM05 50.0465 B JA1VOK
04040640 VK8RAS 180° 529 50.047 B JG4BLW
04050620 VK8RAS 185° 559 50.047 B JG4BLW
04060315 VK8RAS 345° >0430 50.0475 B VK3SIX
04060340 VK8RAS 180° 51-58 50.0465 B JI1WMI
04060450 VK8RAS/b >PM96 50.0465 B JH1WHS
04060650 VK8RAS 180° 51-53 50.0465 B JI1WMI
04060713 VK8RAS 539 50.047 B JG2BRI
04060830 VK8RAS 180° 55-59+ 50.0465 B JI1WMI
04061233 VK8PH 225° 59+ 50.110 S JR2HCB
04061233 VK8RH 180-250°529 52.200 B JR2HCB
04061234 VK8PH >QM05 50.110 H JA1VOK
04080920 VK8RAS 50.047 B JR2HCB
04090800 VK8RAS 345° -1015 50.0475 B VK3SIX
04100450 VK8RAS/b >PM85 50.0465 B JE2DWE
04101004 VK8KTC >PM63 50.195 H JA5CMO
04101010 VK8MS >PM85 50.170 H JE2DWE
04101024 VK8KTC >PM85 50.195 S JE2DWE
04110458 VK8RAS/b >PM85 50.0465 H JE2DWE
04111028 VK8VF/b >PM63 50.057 B JA5CMO
04111030 VK8VF/b >PM85 50.057 B JE2DWE
04111048 VK8RAS/b >PM63 50.0465 B JA5CMO
04111123 VK8RH >PM85 50.110 H JE2DWE
04111128 VK8MS >PM85 50.110 H JE2DWE
04111222 VK8AH >PM63 50.115 H JA5CMO
04130444 VK8RAS/b >PM85 50.0465 B JE2DWE
04130922 VK8RAS/b >PM63 50.0465 B JA5CMO
04131205 VK8VF/b >PM85 50.057 B JE2DWE
04131245 VK8RH/b >PM64 52.200 B JH4JPO
04131245 VK8VF/b >PM64 50.057 B JH4JPO
04140410 VK8RAS/b >PM95 50.0465 B JS1MPX
04141050 VK8VF/b >PM63 50.057 B JA5CMO
04141225 VK8AH >PM63 50.140 H JA5CMO
04150417 VK8RAS/b >PM85 50.0465 B JE2DWE
04151059 VK8VF 559 -1125 TEP 144.480 B JH4JPO
04151138 VK8VF/b >QM05 50.057 B JA1VOK
04151204 VK8RH >PM85 50.110 H JE2DWE
04161130 VK8VF/b >QM05 50.057 B JA1VOK
04171045 VK8VF/b >QM05 50.057 B JA1VOK
04180345 VK8RAS/b >PM85 50.0465 B JE2DWE
04180357 VK8RAS/b >QM05 50.045 B JA1VOK
04180932 VK8RAS/b >QM05 50.0465 B JA1VOK
04180937 VK8RAS/b >PM85 50.0465 B JE2DWE
04201150 VK8PH >PM63 50.110 H JA5CMO
04201151 VK8VF/b >PM63 50.057 B JA5CMO
04210734 VK8RAS/b >PM85 50.0465 B JE2DWE
04210929 VK8VF/b >PM63 50.057 H JA5CMO
04211044 VK8VF/b >PM85 50.057 B JE2DWE
04211130 VK8VF/b >QM05 50.057 B JA1VOK

BELAU

03120848 T88IY 50.110 S JE2XBY
03120850 T88IY 50.110 C JE2XBY
03170527 T88IY 50.110 C JR2HCB
03170529 T88IY 50.110 S JR2HCB
03170534 T88IY 50.110 S JI1WMI
03220312 T88IY 50.110 S JR2HCB
03230719 T88IY 50.110 S JE2KDW
03230730 T88IY 50.110 S JA0-6
03250700 T88IY 50.120 S JR2HCB
03250715 T88IY 50.120 S JI1WMI

FIJI

03300352 3D2TN S6 F2 BS 50.13 W ZL4AAA
03300450 3D2QT F2 BS 50.13 W ZL4AAA
04010300 3D2TN -0600 50.110 H JA3EGE
04020839 3D2CM 210° 57 50.120 S KH7R
04020841 3D2CM 50.120 S V73AT

FRENCH POLYNESIA

04072343 FO5DR S9+20 > CM88 50.050 B K6QXY

GUAM

04050848 KH2JU 59 50.110 S VR2XMT
04130742 KH2D >PM85 50.120 S JE2DWE
04130745 KH2D >PM95 50.120 H JE1TGN
04130835 KH2D >PM96 50.120 S JH1WHS

HAWAIIAN IS.

03140030 KH6 > FF78RA B LU4HO#
03152306 KH7R 55 BL01>GF05 50.110 S LU8EWD
03152322 KH7R 57 KEN BL01 50.110 LW5EJU
03152337 KH6JOI 59 RAY BL01 50.110 LW5EJU
03152337 KH6VP 59++ BL11 50.128 S LU8EWD
03152340 KH7R 59++ BL01 50.125 S LU8EWD
03152345 KH6VP 55 RON BL01 50.120 LW5EJU
03152347 KH6JOI 599 BL01 50.110 C LU8EWD
03152353 KH6HI 57 50.065 B LW5EJU
03160000 WH6XM 58 BOB BK29 50.110 LW5EJU
03160007 KH6HME 57 50.061 B LW5EJU
03160027 WH6XM 57 BK29 50.110 S LU8EWD
03212300 KH6 PY#
03300728 KFVE 5 HI Honolulu 77.250 V ZK1AA
03300728 KGMV 3 HI Wailuku 61.250 V ZK1AA
03300728 KH6HME HI Pahoa 50.061 B ZK1AA
03300728 KHBC 2 HI Hilo 55.250 V ZK1AA
03300728 KHON 2 HI -1249 55.260 V ZK1AA
03300728 KITV 4 HI Honolulu 67.240 V ZK1AA
03310643 KH6HME HI TV TO CH 4 B ZK1AA
03310643 KHON 2 HI -0803 55.260 V ZK1AA
03310855 KH6HI 50.065 B V73AT
04010500-KHON? 2 HI F2 55.260 V ZK1AA
04010555 KHON 2 HI TEP-0735 55.260 V ZK1AA
04010555 KITV 4 HI WEAK 67.240 V ZK1AA
04010607 KH6HME HI TV TO CH 5 B ZK1AA
04010607 KHON 2 HI TEP-1207 55.260 V ZK1AA
04010858 KH6HI 50.065 B V73AT
04020740 KH6HI 50.065 B V73AT
04020740 KH6HME 50.062 B V73AT
04020753 WH6FF 50.110 S V73AT
04020818 KH7R 50.115 S V73AT
04030730 KH6HME HI STRONG 50.061 B ZK1AA
04030730 KHON 2 HI -0810 55.260 V ZK1AA
04030842 KH6HI 50.065 B V73AT
04031010 KHON 2 HI -1140 55.260 V ZK1AA
04040600 KHON 2 HI -0640 55.260 V ZK1AA
04040810 KH6HI 50.065 B V73AT
04040815 KH6HME B V73AT
04040815 KH7R 50.120 S V73AT
04040820 KFVE HONOLULU CH 5 77.250 V V73AT
04041248 KH6HI 50.065 B V73AT
04041248 KHON HONOLULU CH 2 55.260 V V73AT
04050540 KH6HME HI TV TO CH 5 B ZK1AA
04050540 KHON 2 HI -1200 55.260 V ZK1AA
04060133 KH6HI/B 50.065 B V73AT
04060134 KH6HME/B 50.062 B V73AT
04060223 WH6XM Hilo 50.110 S V73AT
04060425 KHON 2 HI -0725 55.260 V ZK1AA
04070640 KHON 2 HI WK -0720 55.260 V ZK1AA
04071445 KHON 2 HI -1545 55.260 V ZK1AA
04072350 FO5DR 50.050 B K6QXY
04080710 KH6HME HI TV TO CH 5 B ZK1AA
04080710 KHON 2 HI > 1110 55.260 V ZK1AA
04090715 KHON 2 HI -1115 55.260 V ZK1AA
04090715+KH6HME HI TV TO CH 5 B ZK1AA

INDONESIA

03110348 YB0ZZ/B 50.042 B JA6
03201457 YC0UVO 50.120 S JA6
03231235 YC2UVO 50.110 S JR6
03231434 YC0UVO 50.110 S JR6VSP
03241427 YB0FEX 50.100 S JR6

MARSHALL IS.

03120646 V73AT 50.130 S JR2HCB
03120750 V73AT 50.110 C JR2HCB
03211232 V73AT 50.130 S JA6,JR6
03240615 V73AT 50.110 C JR2HCB
03250659 V73AT 50.110 S JR2HCB
03290526 V73AT >QM05 50.106 C JA1VOK
03310525 V73AT >PM96 50.130 S JH1WHS
04030742 V73AT >QM05 50.110 H JA1VOK
04040840 V73AT KH7R
04060245 V73AT 360° 50.110 C VK3SIX
04070559 V73AT 150° 559 50.105 C JA1RJU
04080535 V73AT 50.110 S JA1RJU
04100727 V73AT >PM85 50.110 H JE2DWE
04130750 V73AT >PM85 50.110 H JE2DWE
04180515 V73AT >PM74 50.139 S JA3EGE
04180518 V73AT >PM85 50.160 H JE2DWE
04180518 V73AT >QM05 50.160 H JA1VOK
04190753 V73AT >PM85 50.110 H JE2DWE
04190753 V73AT >QM05 50.110 H JA1VOK
04190754 V73AT >PM94 50.130 S JH2COE
04210753 V73AT >PM85 50.130 S JE2DWE
04210800 V73AT >PM95 50.110 H JE1TGN
04210809 V73AT >PM96 50.130 S JH1WHS

MICRONESIA

04130656 V63AO RJ15 >PM95 50.120 S JS1MPX
04130720 V63AO Kosrae >PM95 50.120 H JE1TGN
04130724 V63AO >PM85 50.120 H JE2DWE
04140745 V63AO >PM95 50.120 S JE1TGN
04150745 V63AO >PM95 50.120 H JE1TGN
04160740 V63AO >PM95 50.120 H JE1TGN
04180621 V63AO >PM94 50.120 S JH2COE
04180627 V63AO >PM85 50.120 H JE2DWE
04180628 V63AO >QM05 50.120 S JA1VOK
04180650 V63AO >PM96 50.120 S JH1WHS
04190758 V63AO >QM05 50.120 H JA1VOK
04190801 V63AO >PM85 50.120 H JE2DWE
04190808 V63AO >PM94 50.120 H JH2COE
04210825 V63AO >PM95 50.120 H JE1TGN
04260730 V63AO >QM05 50.120 H JA1VOK

NEW CALEDONIA

02190655 FK1TK 59/59 50.12 S ZL2TPY
03010405 FK1TK RG37 50.130 S JE3PCP
03010421 FK1TK RG37 50.130 S JH3DMQ
03030608 FK1TK RG37 50.120 S JN1BBI
03280512 FK1TK >PM63 50.130 S JA5CMO
03290425 FK1TK >QM05 50.140 H JA1VOK
03300505 FK1TK >PM85 50.140 H JE2DWE
03300507 FK1TK >PM96 50.140 S JH1WHS
04020429 FK1TK 160° 50.110 H JE2XBY
04020433 FK1TK 150° 50.130 S JH0MHE
04040405 FK1TK 180° 59 50.130 H JI1WMI
04040413 FK1TK >QM05 50.130 H JA1VOK
04040445 FK1TK 140° 59 50.130 H JG4BLW
04040451 FK1TK >PM85 50.130 S JE2DWE
04050325 FK1TK 50.140 S JN4CIW
04050325 FK1TK >PM85 50.140 H JE2DWE
04050325 FK1TK >QM05 50.140 H JA1VOK
04100300 FK1TK >PM85 50.130 H JE2DWE
04130509 FK1TK >PM85 50.110 H JE2DWE
04130509 FK1TK >PM95 50.130 S JS1MPX
04150547 FK1TK >PM85 50.120 H JE2DWE
04260430 FK1TK >QM05 50.130 H JA1VOK

NEW ZEALAND

03152235 ZL -TV WEAK 45.240/45.260 V K6QXY
03170013 ZL -TV WEAK 45.240/45.260 V K6QXY
03170415 ZL2AGI 50.110 C JR2HCB
03170420 ZL2TPY 50.110 S JR2HCB
03170424 ZL2TPY 50.107 S JE2XBY
03170430 ZL2TPY 50.110 S JI1WMI
03170442 ZL2KT 50.110 S JR2HCB
03170447 ZL2TPY 50.110 S JR2HCB
03212118 ZL -TV S9+ 45.240/.250/.260 V K6QXY -2300
03272100 ZL -TV S1-3 45.240/45.260 V K6QXY -2400
03280158 ZL ch1 >QM05 45.26 V JA1VOK
03280248 ZL ch1 >PM85 45.26 V JE2DWE
03280300 ZL ch1 >QM05 45.24 V JA1VOK
03280320 ZL ch1 >QM05 45.15 V JA1VOK
03280329 ZL4AAA/Test >QM05 50.100 H JA1VOK
03280346 ZL ch1 >QM05 50.76 F JA1VOK
03280400 ZL ch1 >QM05 50.74 F JA1VOK
03280402 ZL4AAA >QM05 50.140 S JA1VOK
03280410 ZL4AAA >PM75 50.140 S JA3JTG
03280411 ZL4AAA >PM85 50.140 S JE2DWE
03282318 ZL2TPY, ZL2KT BS 0° 50.11 H ZL4AAA
03290200 ZL ch1 >QM05 45.25 V JA1VOK
03290200 ZL ch1 >QM05 45.26 V JA1VOK
03290241 ZL ch1 >QM05 50.74 F JA1VOK
03290241 ZL ch1 >QM05 50.76 F JA1VOK
03290413 ZL4AAA >QM05 50.130 H JA1VOK
03290848 ZL ch1 >QM05 45.26 V JA1VOK
03290856 ZL ch1 >QM05 45.25 V JA1VOK
03292106 ZL -TV S1-3 45.24/.250/.260 V K6QXY -2300

04030710 ZL ch1 >QM05 45.26 V JA1VOK
04030759 ZL2TPY 160° 55 50.107 S JP6RFZ
04030806 ZL ch1 >QM05 45.25 V JA1VOK
04030810 ZL2TPY 150° 50.105 C JA6SBW
04030820 ZL2TPY >PM75 50.104 H JA3JTG
04040325 ZL ch1 >QM05 45.25 V JA1VOK
04070756 ZL3TY >PM85 50.125 H JE2DWZ
04090731 ZL2TPY 150° 59 50.107 S JA1RJU
04180300 ZL ch1 >QM05 45.26 V JA1VOK
04180318 ZL ch1 >QM05 45.25 V JA1VOK
04180448 ZL2KT >PM74 50.110 S JA3EGE
04180450 ZL2KT >QM05 50.130 S JA1VOK
04180452 ZL ch1 >QM05 50.76 F JA1VOK
04180453 ZL2KT >PM96 50.130 S JH1WHS
04180459 ZL3NE >PM74 50.110 C JA3EGE
04180504 ZL2KT >PM85 50.130 H JE2DWZ
04180506 ZL3NE >QM05 50.105 C JA1VOK
04180510 ZL3NE >PM96 50.105 C JH1WHS
04180512 ZL2TPY >PM74 50.117 S JA3EGE
04180515 ZL2TPY >PM85 50.117 S JE2DWZ
04180523 ZL2TPY >PM96 50.117 S JH1WHS
04180529 ZL2AGI >PM74 50.140 S JA3EGE
04180529 ZL2TPY -0830 >QM05 50.117 S JA1VOK
04180532 ZL2AGI >PM85 50.140 H JE2DWZ
04180533 ZL3NE >PM85 50.105 H JE2DWZ
04180605 ZL2AGI >PM96 50.125 S JH1WHS

PAPUA/NEW GUINEA

03241024 P29KFS 50.110 S JR2HCB
03241040 P29KFS 50.115 S JR2HCB
03241043 P29KFS >PM85 50.115 S JE2DWZ
03241112 P29KFS 50.110 S JE2XBY
03251050 P29KFS 50.110 S JA0-7
03251054 P29KFS 50.110 S JR2HCB
03251156 P29KFS 50.110 S JR6
04111020 P29KFS >PM63 50.110 S JA5CMO
04111020 P29KFS >PM85 50.110 H JE2DWZ
04131200 P29KFS >PM63 50.110 H JA5CMO
04131205 P29KFS >PM85 50.110 H JE2DWZ
04151110 P29KFS >PM85 50.110 H JE2DWZ
04151125 P29KFS >PM95 50.110 H JE1TGN
04151215 P29KFS >PM63 50.110 H JA5CMO
04201145 P29KFS >PM63 50.110 H JA5CMO
04221140 P29KFS >PM96 50.110 S JH1WHS
04221159 P29KFS >QM05 50.110 S JA1VOK

PHILLIPINES

03241256 DU7/N7ET 50.110 C JE2XBY
03251408 DU7/N7ET 50.105 S JA5
03291013 DU7/N7ET >QM05 50.105 H JA1VOK
03291020 DU7/N7ET 50.105 S JA0-9
04010607 DU7/N7ET 599+ 50.110 C JH0BQC
04010608 DU7/N7ET 230° 599+ 50.110 C JA3EGE
04010615 DU7/N7ET 230° 599 50.110 B JR2NET
04010645 DU7/N7ET >PM85 50.115 S JE2DWZ
04010647 DU7/N7ET 200° 57 50.115 S JI1WMI
04030940 DU7/N7ET >PM85 50.110 H JE2DWZ
04030942 DU7/N7ET 230° 599 50.102 C JA1RJU
04030945 DU7/N7ET >QM05 50.102 H JA1VOK
04031013 DU7/N7ET >PM96 50.102 C JH1WHS
04040817 DU7/N7ET >PM85 50.110 H JE2DWZ
04040818 DU7/N7ET >QM05 50.110 H JA1VOK
04040818 DU7/N7ET 200° 599 50.110 C JI1WMI
04150912 DU7/N7ET >PM85 50.110 H JE2DWZ
04170821 DU7/N7ET >PM85 50.110 H JE2DWZ
04170830 DU7/N7ET >PM95 50.102 H JE1TGN
04170910 DU7/N7ET >PM63 50.102 H JA5CMO
04170937 DU7/N7ET >PM96 50.102 C JH1WHS
04180802 DU7/N7ET >PM85 50.110 H JE2DWZ
04180808 DU7/N7ET >QM05 50.102 H JA1VOK
04190811 DU7/N7ET >QM05 50.110 H JA1VOK
04190812 DU7/N7ET >PM85 50.110 H JE2DWZ
04190941 DU7/N7ET >QM05 50.110 H JA1VOK
04201034 DU7/N7ET >PM63 50.110 H JA5CMO

SABAH

03110720 9M6AG 50.109 S JE2KDW
03140602 9M6NA 50.105 C JR2SQE
03140612 9M6NA 50.103 C JE4JFP
03140630 9M6AG 50.110 C JE4JFP
03140635 9M6AG 50.110 S JR2HCB
03140639 9M6AG 50.110 S JR2SQE
03140650 9M6AG 50.103 C JI1CPE
03290830 9M6 ch2 >QM05 53.74 F JA1VOK
04040820 9M6CT >PM63 50.110 S JA5CMO
04040821 9M6CT 59/59 > QM05 50.110 S JA1VOK
04040826 9M6CT 225° 59 50.110 S JL4GTO
04040834 9M6CT >PM85 50.110 S JE2DWZ
04040838 9M6CT 190° 50.110 S JA5GJN/4
04040846 9M6CT >PM75 50.110 S JA3JTG
04050807 9M6CT 200° 50.110 S JL4GTO
04050810 9M6CT 225° 50.110 S JE2XBY
04050826 9M6CT >PM85 50.110 H JE2DWZ
04050829 9M6CT >QM05 50.110 H JA1VOK
04050842 9M6CT 215° 59 50.110 S JG4BLW
04050847 9M6CT 230° 59 50.110 S JE4JFP
04050850 9M6CT 210° 59 50.110 S JA5FFJ
04050856 9M6CT 59 50.110 S JA6TEW
04050922 9M6CT 210° 59 50. S JG3LEB
04130921 9M6CT >PM63 50.125 H JA5CMO
04130925 9M6CT >PM85 50.115 H JE2DWZ
04140810 9M6CT >PM96 50.110 S JH1WHS
04140830 9M6CT >PM95 50.110 S JE1TGN
04160800 9M6CT >PM95 50.110 H JE1TGN
04180707 9M6 ch2 >QM05 53.74 F JA1VOK
04210959 9M6CT >PM63 50.110 H JA5CMO
04250843 9M6CT >QM05 50.115 H JA1VOK
04260833 9M6CT >QM05 50.110 H JA1VOK
04260840 9M6CT >PM52 50.110 H JA6TEW

Samoa, American

04060926 KV2K AS 2 55.2498 V V73AT
04090905 KV2K American Samoa 55.250 V V73AT

VANUATU

03290340 YJ8UU S9 Es 50. W ZL4AAA
04060856 YJ8UU 150° 50.130 S JA1RJU
04060901 YJ8UU >PM96 50.130 S JH1WHS
04060907 YJ8UU >PM95 50.130 S JE1TGN
04060913 YJ8UU 130° 50.130 S JI2QKJ
04100842 YJ8UU >PM85 50.110 H JE2DWZ
04110818 YJ8UU >PM85 50.120 H JE2DWZ

Reports of South America

SAMERICA General

04101958 SAMERICA UNMODULATED 47.90 0 WA5IYX

ARGENTINA

03122301 LU9EHF FK68>FF95FD 50.110 KP4Y#
03152200 LW3EBJ GF05>FK68 60DB 50.108 KP4Y#
03152209 LU6DRV CQ 59+60DB! 50.105 KP4Y#
03152215 LW5EJU GF05NW>FK68 50.150 KP4Y#
03152320 LU6DRV,LU8EWD KH7R#
03152320-LU2EGQ,LW5EJU KH7R#
03152320-LU4HO VIA Es H LU2EGQ#
03182300 LU7FA 51/55 FF96BV S EH8BPX
03262210 LU5JAU 53 DANIEL TR 50.115 LW5EJU
03282035 LW5EJU 55 GF05 > EL17 S W5UWB
03282249 LU9EHF 53 LUIS BS 50.130 LW5EJU
03292134 LU vy weak -2200 50.125 H XE2HWB
03292254 LU6EJU 50.140 S XE2HWB
03312027 LU7FA 50.115 KP3A
04042146 LU9EHF FF95 S XE2HWB
04042246 LU4HO FF78 > EL09 W KI5GF#
04042259 LU1MAF FF57 > EL09 W KI5GF#
04042305 LU9MA W KI5GF#
04072230 LU9EHF FF95 > EM21 W WA5JCI
04072233-LW5EJU GF05 > EM21 W WA5JCI
04072236-LU2EGQ GF05 > EM21 W WA5JCI
04072242-LU3DL FF94 > EM21 W WA5JCI
04072249 LU1VK 559/559 > EL29 50.110 C K5LLL
04072320 LU9EHF FF95 > DM26 H K7CA
04072332 LU9EHF FF95 > CM87 50.113 H KB6NAN
04072348 LW6EUQ GF05 > EM57 W N9BJG
04072348 LW9EHF FF95 > EM57 W N9BJG
04080037 LU3EMK 529 GF05 > EL17 TE C W5UWB
04080159 LU9EHF 55 > EM79 50.115 W N8EJN
04081909 LU2DJY 57 > EL17 F2 S W5UWB
04081919 LU9AEA 59 GF05 > EL17 F2 S W5UWB
04081922 LU9EHF 59 FF95 > EL17 F2 S W5UWB
04082000 LU8VF 59 > EL17 F2 S W5UWB
04082005 LU1VK 54 > EL17 F2 S W5UWB
04102011 LU1VK 57 > EM21 50.110 WA5JCI
04102155 LU3EMK WA5IYX
04102155 LU9EHF FF95 WA5IYX
04102210 LU9EHF 59+20 FF95>EL29 S K5LLL
04102225 LU9EHF 59+ FF95>EL83 50.110 H CO2OJ
04102227 LU7EXR 59+ FF95>EL83 -2228 H CO2OJ
04102230-LU2EMK 599 GF05>EL29 C K5LLL
04102245 LU8DIO, LU8AHW OH CW WA5IYX
04102250-LU1DZ 599 > EL29 C K5LLL
04111807 LU8VFM 55 PATAGONIA & 1822 W WP4O
04112255 LW5EJU 59+ W WP4O
04112255+LU2EGQ 59+ W WP4O
04112315 LU8DIO 59+ W WP4O
04112316 LU6DVG 59+ W WP4O
04112332 LU9EHF > 0000 WA5IYX
04112340 LU2EGQ WA5IYX
04142001 LW5EJU GF05 > EL09 WA5IYX
04142025 LU9EHF > EL09 WA5IYX
04142031 LW6EUQ > EL09 WA5IYX
04142038 LU8EWD > EL09 C WA5IYX
04142043 LU6DRV > EL09 WA5IYX
04142105 LU9AEA > EL09 WA5IYX
04151936 LU1VK 59 FE48 > EL17 W5UWB
04152012 LU8VFM 52 FE48 > EL17 W5UWB
04152138 LW5EJU WA5IYX
04152143 LU6DRV WA5IYX
04152156 LU6DRV 55 GF05 > EL17 W5UWB
04152200+LU6DRV, LW5EJU, LU7FA >EL49 WA5RT
04152201 LU7FA WA5IYX
04152207 LW6EUQ WA5IYX
04152208 LU7FA 58 GF05 > EL17 W5UWB
04152212 LW5EJU 58 GF05 > EL17 W5UWB
04152214 LW6EUQ 56 GF05 > EL17 W5UWB
04152226 LU3DL WA5IYX
04152230-LW6EUQ, LU3DL > EL49 WA5RT
04152301 LU9MA (Mendoza) WA5IYX
04162025 LU1VK 52 FE48 > EL17AX W W5UWB
04172321 LU5JAU 57 GF07 > EL17AX S W5UWB
04172326 LU1DMR 53 GF05 > EL17AX S W5UWB
04172330 LU8DIO 41 GF05 > EL17AX S W5UWB
04172332 LW4DIR 52 GF05 > EL17AX S W5UWB
04172335 LW5EJU 55 GF05 > EL17AX S W5UWB
04232144 LU6DRV GF05 > EM21 W WA5JCI
04232149 LU5EJU GF05 > EM21 W WA5JCI
04232152 LU9AEA GF05 > EM21 W WA5JCI
04232219 LU6EUQ, LU3EMK (cw) WA5IYX
04232219 LU6EUQ, LU9AEA WA5IYX

BRAZIL

02172257 PY5CC 59/59 GG54RE S EH8BPX
02172316 PY2DNR 51/56 GG76DV S EH8BPX
02252359 PY5CC 57/57 GG54RE S EH8BPX
03112356 PY5CC 59/59 GG54RE S EH8BPX
03120036 PY2WBC 51/53 GG67GT S EH8BPX
03120046 PY2XB 51/53 GG66 S EH8BPX
03122011 PP7ZZ 589 HI20>GF05 50.110 C LU8EWD
03122240 PY5CC 59/59 GG54RE S EH8BPX
03122256 PP1CZ 59/59 GG99VQ S EH8BPX
03122258 PP1BG 51/59 GG99VT S EH8BPX
03122259 PP1RT 53/55 GG99 S EH8BPX
03122301 PY2DP 59/59 GG66 S EH8BPX
03122302 PY2DNR 59/58 GG76DV S EH8BPX
03130038 PU2MHL 53/56 GG67HE S EH8BPX
03131900 PY5CC 4X#
03132003 PP8KWA 59 FI96XU 50.110 LW5EJU
03132025 PY5CC 55/55 -2050 50.105 S 4E5JA
03132308 PY5CC 59/59 GG54RE S EH8BPX
03132330 PP1CZ B EH8#
03132338 PP1CZ 55/57 GG99VQ S EH8BPX
03132343 PY2XB 53/53 GG66 S EH8BPX
0314XXXX PY2WG TT8JE#
03150043 PY5CC 59/59 GG54RE S EH8BPX
03150046 PU2MHL 53/53 GG67HE S EH8BPX
03150048 PY2AIX 53/53 GG68 S EH8BPX
03150051 PY2PA 51/43 GG67 S EH8BPX
03150103 PY2DNR 51/53 GG76DV S EH8BPX
03150104 PY2PH 51/54 S EH8BPX
03152131 PP2RON 59+ 50.078 B LW5EJU
03152234 PY2XB 59/53 GG66 S EH8BPX
03152255 PP1BZ 59/53 GG66 S EH8BPX
03152256 PU1AMD 51/53 S EH8BPX
03152258 PY2DNR 51/51 GG76DV S EH8BPX
03152320-PP2 VIA Es H LU2EGQ#
03162049 PU7AGQ 51 50.110 LW5EJU
03162227 PY5CC 59/59 GG54RE S EH8BPX
03162234 PY2DNR 51/51 GG76DV S EH8BPX
03162241 PP1CZ 59/59 GG99VQ S EH8BPX
03172116 PY5CC 55/51 GG54RE S EH8BPX
03182239 PP7ZZ 55/53 HI20DI S EH8BPX
03182240 PU2MNU 51/54 GG66 S EH8BPX
03182253 PP1CZ 59/59 GG99VQ S EH8BPX
03182322 PY5CC 59/59 GG54RE S EH8BPX
03182333 PU2MHL 51/55 GG67HE S EH8BPX
03192225 PY5CC 59/59 GG54RE S EH8BPX
03201720+PP1CZ EH8/CT#
03212113 PY5CC 59/59 GG54RE S EH8BPX
03212342 PY5CC 50.110 S JR6VSP
03230253 PY2WBC 50.110 S 7J6CCU
03230322 PY5CC 50.110 C J86CDB
03230329 PY2PA 50.110 S 7J6CCU
03231856 PY5CC IK1EGC#
03232215 PY5CC 59/58 GG54RE S EH8BPX
03240300 PY JA#
03240322 PY5CC 50.110 C JR6
03252034 PY5CC 50.110 CT1EKF#
03252053 PY5CC 50.110 EA7KW#
03252103 PY5CC GG54 > IN50 50.110 H CT1DNF#
03262214 PY5CC 59/59 GG54RE S EH8BPX
03282006 PP8KWA 57 FEDERICO 50.130 LW5EJU
03292004 PY2DNR 59+ MAURO 50.110 LW5EJU
03292007 PY1AA 52 Es 50.051 B LW5EJU
03292007 PY2AA 59 Es 50.059 B LW5EJU
03302150 PY5CC 59/59 GG54RE S EH8BPX
03302204 PY2PA 55/55 S EH8BPX
04052200 PP1CZ GG99 W 3C5I#
04052200 PY2WBC GG67 W 3C5I#
04071930+PT7NK 3C5I#
04080028 PP5WL 559 GG52 > EL17 TE C W5UWB
04152055 PY5CC 59 GG54 > EL17 W5UWB
04152153 PY5CC (GG54) WA5IYX

CHILE

03162028 CE ELSV MUSIC WEAK 47.9 H K6QXY
03312016 CE ELEVATOR MUSIC 47.90 A W6JKV/5
04101911 CE MUSIC? 47.92/48.00/48.30 F WA5IYX

COLUMBIA

03132242 HK6DNK 59 50.110 LU2EGQ#

ECUADOR

03292123 HC2FG 59 FI07 > EL17 S W5UWB

PARAGUAY

0401XXXX ZP6CW TT8JE#

URUGUAY

03132009 CX1CCC 52 BS 50.019 B LW5EJU
03132009 CX8BE 54 GEO BS 50.110 LW5EJU
03152217 CX1AO GF15>FK68 50.150 KP4Y#
03172200 CX6CCY 52 RICARDO 50.120 5 LW5EJU
03272115 CX4ACH 57 SANTIAGO 50.130 LW5EJU
03282055 CX1CCC 52 BS 50.019 B LW5EJU
04060200 CX1CCC S2 -0400 B HK4BHA#
04072239-CX4ACH GF15 > EM21 W WA5JCI
04080146 CX9AAJ > EM79 50.105 H H8EJH
04081900 CX1CCC 57 GF15 > EL17 F2 S W5UWB
04081904 CX6BV 57 GF15 > EL17 F2 S W5UWB
04081907 CX3BBX 52 GF15 > EL17 F2 S W5UWB
04082008 CX7BBR 58 GF15 > EL17 F2 S W5UWB
04111900 CX6BV W WP4O
04112341 CX1CCC B WA5IYX
04152202 CX1AO 57 GF15 > EL17 W5UWB
04152206 CX4AAJ 55 GF15 > EL29FQ W K5LLL
04152214 CX4AAJ WA5IYX
04152215-CX4AAJ > EL49 WA5RT
04232150-CX4 > EM21 H WA5JCI
04232230 CX4AAJ WA5IYX

VENEZUELA

03040047 YV4AB 52 50.025 B LW5EJU
03060000 YV4AB 57 50.025 B LW5EJU
03081936 YV4AB 59 50.025 B LW5EJU

Beacon News

I sent a copy of last month's bulletin to each of the 6m beacon stations in the US that were dropped from G3USF's list. As a result make the following additions/changes.

Freq	Call	Town	Loc	Pwr	Antenna
50008	XE2HWB	La Paz, Baja CA	DL44	50	Ground Plane
50010	SV9SIX	Iraklio	KM25NH	30	V. Dipole
50023	JA1ZYK	(not 50203 as listed previously)			
50025	9H1SIX	Wesola Nr Warsaw	KO02FV	7	5/8 G.P.
50025	XE2UZL	off the air/vandalism/to be relocated			
50053	PI7SIX	Utrecht	JO22NC	9	Hor Dipole N/S
50060	K4TQR	Birmingham AL	EM63OM	4	Dipole
50062	K8UK	Dearborn MI	EN82KN	2	Saturn 6 Halo
50064	W3VD	Laurel MD	FM19NE	7	Squalo
50066	KA5FYI	Austin TX	EM10	1	6el Yagi to NE

DX Operations

Maine: Lefty, K1TOL, plans a grid expedition to Madawawska, Maine (FN57) Friday June 12-Sunday June 14, with possible June 15 operation from FN67 (very rare).

CY9AA, St. Paul Is.: Mike, VE9AA, has been added to the list of ops for the CQ WW WPX HF contest at the end of May, headed by Dan, K8RF. Outside of contest committments, he will by QRV on 6m. Mike has also announced that he has received permission for a 9-10 day operation there some time between June 25 and July 15, with operation on 160m through 6m SSB/CW. He is looking for a few capable cw/ssb ops, donations, and sponsors for that operation.

T45VPG, Cuba: was to have been activated by the Cuban DX Group from Ernest Thelman key (NA-056, EL29), a few miles south of the Cuban province of Matanzas the weekend of April 24-26. Did anyone work them on 6m?

A35RK, Tonga: has a 6m rig, but no antenna. Steve, VK3OT, spoke with Paul (A35RK) on 10m, and promised to send him a 6m antenna if he would promised to use it. The antenna has a history, it was intended to be used by someone in the Pacific and Steve has had it for some time. It seems Joel, N6AMG, has left it there for just this type of need. Joel, a SK, now is **still giving to amateur radio** as he did when he was here. Estimate QRV Sept 1998.

T22, Tuvalu: was to have been activated by members of the Yamato ARC between April 25 and May 1 on 160 through 6m. Did anyone work them on 6m?

New (DXCC) Countries: As a result of changes in the DXCC rules, H40, Temotu Is. has become a new country (from Solomon Is.) Now it turns out that the Marquesas and Austral islands should probably have been separated from French Polynesia as early as 1983 when French Polynesia should have been recognized as a "Point 1" listing. There have already been HF DXpeditions to all three of these "new countries." One of the Temotu Is. DX-peditions was rumored to have 6m gear, but I have no reports of anyone hearing/working them. Let us hope for 6m DX-peditions to all three during the peak of the present solar cycle.

8Q7QQ, Maldive Is.: Pierre, HB9QQ, was QRV from April 18 to May 2. We have one late report of him hearing a JA.

Sardinia: HB9STY and HB9SLO plan 6m operation between May 22 and May 30 from JM49, JN40, and JN41.

TA2ZCT: Theo in KM69 is reported on now and worked by several stations. Tnx SM7AED

ZD7WRG: Johnny in IH74? is reported on now. QSL via WA2JUN. Tnx SM7AED

ZD8V: (II32) Paul, KF4OX, is reported (by SM7AED) to be waiting for a 6m antenna. QRV 18-23Z on 20-6m.

Getting Ready for F2 and TE

Posted by Steve Wagner, W7CI

In consonance with the F2 and TE events that are occurring and will occur, especially during this time and solar activity period, I am providing the following tips that may help you catch these type openings;

1. Listen a lot and occasionally make noise (CQs) at historically significant band opening times for your geographic area.
2. Start monitoring the activity on 28.885 MHz and get a 10 Meter operational capability.
3. Regularly monitor the radio spectrum between 30 and 50 MHz for MUF trends. If your radio doesn't have the RX capability to monitor 30 to 50 MHz get a separate receiver that does and put up a broadband vertical antenna for that frequency range.
4. Keep a 6 Meter beacon list handy and regularly listen for them at appropriate times.
5. Watch the VHF and OH2BUA reflectors on a regular basis. In addition, if you have access to a local DX cluster, use that also.
6. Start a local alert network between your 6 meter buddies, you can use the telephone or VHF/UHF radio for an alert and order wire circuit.
7. Watch for F2 and TE backscatter phenomenon.
8. Have the capability to **copy** and **operate** CW mode. Start operating CW on the band (50.075 - 50.100 MHz).
9. Watch solar activity on a regular basis via Internet or listening to WWV. Although this is **not** a sure indicator for openings, it does give a rough order of probability for openings when combined with experience, time of year and day.
10. Be patient and keep a high level of humor.

The above is based on a long time of operation on 6 Meters during a number of solar activity peaks. This is my "best guess" for successful F2 and TE operation during these times. I expect that there will be a record number of "new ones" to be worked in the next few years.

Advice For 6 Meter F2 DX

Posted by Steve Wagner, W7CI

I want to offer the following advice to all who are the DX and will be working the DX during the coming F2 openings. It's expected that competition to work and be DX will be at an all time high during the next 5 years, so some procedural and operational advice is probably in order. I also expect that some of the "pile-ups" will rival anything that you have ever heard on 20 Meters with a rare one. In addition, it's expected that there will be a myriad of S9+ signals in the "pile-ups". So, let's take some lessons from the HF Band DXers and apply the lessons and practice (with some exceptions) to the 6 Meter F2 openings of the future. Some of the suggestions may seem trivial, unfair and obvious but we will need this fairly formal operational practice in the big "pile-ups" to come.

A. If you are the DX Station;

1. Operate split (you stay in the DX portion, we operate above it).
2. Give your call frequently (the prop. shifts faster on 6 meters than 20).
3. Announce where you are listening in terms of an exact frequency or between what frequencies. **Don't** create too wide a listening window especially if the band is open on a widespread basis or if other DX stations are on. Use common sense. This can be quite irritating to the other DX stations and other operators on the band.
4. Announce your Grid and QSL info. on a regular basis.
5. Establish a predictable operating pattern and tell the pile-up

your intentions.
6. When the volume of callers becomes overwhelming, work stations by country, call area **and even** grid field.
7. When conditions become marginal in terms of signal levels (When operating SSB) **go to CW.**
8. Operate a lot of CW!!
9. When callers become unruly, rude and don't adhere to discipline on frequency, don't be afraid to **keep a blacklist** and let them know it.
10. Occasionally listen for mobile and "weakie" stations.
11. **Operate in the established band plan in effect.**

B. If you are not the DX station and are the Caller;

1. Follow the instruction of the DX station.
2. **Don't call/transmit until acknowledged or instructed to (especially if the DX is not operating split!!!)**
3. Make sure that you are transmitting on the **correct** frequency.
4. Listen for the operating pattern of the DX station.
5. Always vacate the frequency once you have worked the station (if it's not your's).
6. Stay out of the DX window (I'm guilty of this one)[within reason, of course].
7. **Don't** work the same DX station twice during a band opening and use discretion on following ones (insurance QSO).
8. **Don't** give your name, station and family particulars in a big "pile-up" unless asked to (it takes up too much time and remember there are hundreds of other stations waiting for a QSO).
9. **Don't** use "Q" signals on phone, it's bad form (I'm trying to break the habit myself).
10. And finally, **listen a lot.**

Admittedly, this is the ideal for DX operations and we will no doubt sometimes stray from procedure, so be patient and keep a good sense of humor. It's rather important to keep a good sense of humor and a low frustration level because it can be a very competitive business. Try not to come down to hard on the guys that stray from time to time but **do come down hard** on the ones that never seem to "get-the-word."

I've probably not covered all there is on this subject, but you get the picture.

On Working QSK

N6KI, Posted by Steve Wagner, W7CI

>Dennis,
>I have been trying to work some of the DX stations on CW that are working split and am not having much luck finding where they are sending. I go up and down the area where they are sending and still can't find them. Any ideas?
>
>John Bower, >N7KI

John,

First of all, I assume you meant to say you can't find the last freq that the DX station **listened** on as he works the pileup which 99% of the time is **up** from his TX freq. If he is smart, he will listen at least 1 or more kHz up lest he have guys call too close to his own TX freq and wind up cover himself up with QRM from all the LIDS that are calling "in the blind" while he is TXing !

Let me see if I can explain how I did it with my TS-940. (With my TS-950 and 2nd receiver, I can now listen to the pileup simultaneously and just tune the 2nd rcvr for the last guy sending back to the DX station!)

1. Put the DX station on VFO A
2. I Hit A=B (Both VFOs on same Freq now)
3. I Hit "SPLIT" Button (I intend to TX on B to call guy)
4. I try to find the last guy the DX station worked by doing following:

As soon as the DX station sends "N7ABC 599," I depress the T-F button which now puts the 940 receiver on VFO B, I tune the dial (usually UP, starting 1 to 2 kHz away from the DX station and through the pileup which is usually spread over 5 to 10 kHz) trying to hear someone sending "599" which is usually the guy working the DX station unless 2 (or more) other dummies came back to the DX station thinking it was them he was working. Usually it is a clean QSO and the only guy sending 599 is the actual US station working the DX.

Note: Be sure to stop tuning when you release the T-F button so you don't inadvertently move VFO A and lose the DX stations calling freq!!

I let off the T-F button leaving VFO B now ready to TX on the last freq the DX station was listening to and I now listen for the DX station to sign off with the US guy by usually sending "TU" or "TU P5ABC" (TU and His Call....P5....Sure!!!).

At that precise moment I send my call if I am a guy that can bust pile-ups with my big signal. If I'm not a big gun, I pull the tail-end trick and hesitate until the first blast of the pileup subsides then zing my call in.

I pay strict attention by running QSK***, not to be transmitting if the DX station is, that is, he went back to someone else, or you of course. So as soon as he starts sending **I stop TXing immediately** unlike 90% of the lids that don't have a clue that continue calling...Hey!, If the DX station is TXing, **he ain't listening for anyone and can't hear you!!**

If you practice trying to find the last guy the DX station worked by honing in your timing on WHEN and HOW LONG to push the T-F button you will finally learn how not to be TXing when the DX station is.

I am amazed at the amount of stations who are calling the DX station while the DX station is TXing, they don't have a clue, so they park on one freq and just keep TXing until they hear the DX station come back to them!!!! Yes, it does work at times but it generates QRM for the poor DX station that has already decided who to go back to and really, only wants **that** specific station to TX back to him at that moment.

And most of the time these are guys with Extra Class Licenses!!

If you don't have a rig that does QSK then be sure to set your TX Keying (Usually VOX) Delay to make your RX come back on as soon as possible so you don't wind up TXing while the DX station is!

OK, now suppose you get real good at finding the last guy the DX station worked but every time you call, he doesn't come back to you.

Well, either you just ain't strong enough the bust the pile-up on that freq(Check to see if the DX goes back to someone else on that exact freq) or Sometimes the DX will work the next guy a bit up or down from the last guy he worked, you can tell as you hear the "599" return calls from the US guys creeping Up or Down from the last US guy you spotted sending "599."

In this case you got guesstimate how far up or down the DX station is moving on after each QSO and move VFO B that amount and call there.

I hope this makes sense. You may have to practice tuning in pileups on stations you don't need to work or you already worked just to get the art of finding the US guy who, is sending 599 as you tune VFO B through the pileup.

RECOMMENDED 50 MHZ DX BAND PLAN

1 April 1998
Sam Goda, WA6JRA

This is not a 50 MHz 1998 April Fool's plan; however, this RECOMMENDED 50 MHZ DX BAND PLAN is probably one of the most important 6M white-paper to come to your desk. Previous 50 MHz band plans[1] have been revised because of predicted solar cycle 23, cycles to follow, sporadic-E seasons, more interest & countries on 6M, better equipment, some progression but more needed discipline, answer to confusions of DX windows & calling frequencies, and most importantly the need to think ahead at least one solar cycle. This plan will not diverge too far from currently accepted frequencies; however, the plan is designed to accommodate full-blown worldwide DX openings in cycle 23 & beyond, normal DX openings, normal U.S. out-of-state openings, and local QSOs with minimum QRM & inconvenience to all concerned. Please note that 50.100 MHz is the dividing line between normal CW & USB windows. **As shown by bold type, 50.100 MHz is still the dividing line during full F_2 & E_S openings. Thus, the CW Expandable DX Window is 50.000---50.100+ MHz; and the USB Expandable DX Window is 50.100---50.500+ MHz. During full Continental U.S. openings, the USB Expandable U.S. Window is 50.150---50.600+ MHz.** THE INTENSITY OF OPENINGS WILL AUTOMATICALLY DETERMINE THE OPERATIONAL BANDWIDTH. The U.S. CW & USB frequencies are still within the expandable DX CW & USB windows; however, all U.S.-U.S. contacts will be minimal during DX. The expanded frequencies will accommodate those countries not authorized on the low end. The definition of 50 MHz DX is similar to the ARRL DX Listing, and all out-of-state will be defined as Continental U.S. The FCC Regulations, good amateur practice, common sense, and considerations for others are recommended in order to benefit from this most interesting and challenging amateur band. Please carefully read and properly apply this band plan. Copies are permitted but no format transformation. Constructive criticism should be sent directly to the writer.

Frequency MHz	Description	Remarks
50.000-50.010	CW EME Window.	The CW EME Window is 50.000-50.010 MHz. However by using Split, the EME is useable to 50.100+. No beacons here.
50.010-50.015	CW International Super DX Window.	A clear 5 KHz window for rare DX, extended F_2, and long-haul E_S. In marginal MUF, the band open/close at low end. No beacons here.
50.0100	CW Super DX Calling Frequency.	Transmit 50.0100 MHz zero beat and QSX[2] ±5 KHz.
50.015-50.060	CW DX Beacons[3].	Please move all DX beacons within 50.015-50.060 MHz. The lower 100 KHz is available as the **CW Expandable DX Window**[4].
50.060-50.080	CW U.S. Beacons[3].	Please move all U.S. beacons within 50.060-50.080 MHz.
50.080-50.100	CW International DX Window.	During normal F_2 & E_S openings, this 20 KHz just below 50.100
50.000---50.100+	**CW Expandable DX Window.**	will be welcomed to reduce CW/USB QRM. **During full openings, the CW Expandable DX Window is 50.000---50.100+ MHz.**
50.0900	CW International DX Calling Freq.	Transmit 50.0900 MHz zero beat and QSX[2] ±10 KHz.
50.0950	CW Continental U.S. Calling Freq.	Transmit 50.0950 MHz and QSX[2] ±5 KHz. Note during DX openings, 50.0950 will become a DX frequency.
50.100-50.150	USB International DX Window.	Defined as the normal USB International DX Window. **During full DX openings, the USB Expandable DX Window is 50.100---50.500+.**
50.100---50.500+	**USB Expandable DX Window.**	Please check the USB lower frequency limit[5].
50.110	USB International DX Calling Freq.	Please reserve this most important 6M calling frequency for USB International DX. MAKE SHORT CALLS. Please try to keep CW off of 50.110(use CW International DX Window). However, be able[6] to use CW-CW in small-signal work within the USB DX window.
50.150-50.200	USB Continental U.S. Window.	Defined as the normal USB Continental U.S. Window. **During full U.S. openings, the USB Expandable U.S. Window is 50.150---50.600+. Note during full DX openings, 50.150-50.200 can easily become DX frequencies.** The calling frequency must be used with common sense, good practice, & considerations for others. MAKE SHORT CALLS ON 50.150, ALWAYS QSY UP IMMEDIATELY, & BE ALERT OF DX. Please try to keep CW off of 50.150; however, any 6M amateur should be able[6] to use CW-CW. All long QSOs should be above 50.175 MHz.
50.150---50.600+	**USB Expandable U.S. Window.**	
50.150	USB Continental U.S. Calling Freq.	
28.870-28.880	6M DX Liaison Alternate Lower Freq.	For critical Liaison, especially when 28.885 is busy.
28.885	6M DX Liaison Main Frequency.	The most important liaison frequency for 6M DX work. DO NOT QRM.
28.890-28.900	6M DX Liaison Alternate Upper Freq.	For not critical liaison & regular U.S. QSOs of 6M activities.

1a. Proposed 50 MHz Band Plan, 10/1978 QST, page 68. Proposed CW DX 50.090, & moving USB U.S. from 50.110 to 50.125.
1b. NEW 50 MHZ DX WINDOWS, 1/1994 50 MHz DX Bulletin. Recommended CW super DX 50.010, CW U.S. 50.095 & three 6M liaison.
1c. NEW 50 MHZ DX WINDOWS, 3/1/1996. Introduced expandable windows: CW DX, USB DX, and USB U.S.

2. With VFOs(A/B, A=B, Split), memories, & features of modern 6M transceivers, a competent amateur is able to QSX narrow or wide frequency segment, beacons, & CW/USB calling frequencies. Know your transmit/receive CW & USB calibration.
3. A 6M international beacon committee is needed to properly regulate all 6M beacons and to maintain an updated list.
4. The lower 100 KHz is for CW only, and 50.015-50.080 MHz should not be considered as only for beacons. Many beacons are redundant, some are not essential, on critical freq., and some should be closed. Only few beacons can be heard at any given time/location, beacons are on for long time duration while CW contacts are short; and these frequencies should be better used/shared. **Therefore during full openings, the lower 100 KHz is available as the CW Expandable DX Window, expanding from 50.100 towards 50.000 as the opening becomes fuller.** Worldwide 6M amateurs are encouraged to use these essentially QRM free CW frequencies.
5. The FCC will not permit phone components below 50.1000. Using SØ(-30 db below S9.0 reference) as the acceptable USB 50.1000 side component, most all 6M transceivers must not be operated below 50.1025 USB when calling a DX USB signal. Therefore, use Split VFOs, -RIT, or transmit on CW below 50.1025. Note some 6M sets receive CW in the LSB mode.
6. In 6M DXing, the ability to use CW is imperative because in many DX(even Continental U.S.) only CW-CW will get through, a rare DX is available only on CW, only small-signal CW can be heard, to copy CW signals/beacons, & be able to switch from USB-USB to CW-USB/CW-CW in USB windows. The CW mode is permitted 50.0-54.0 MHz and the significance of CW had been established. After careful reading & using features of the transceiver, all frequencies CW DX(50.001-50.100---50.500+), USB DX(50.1025-50.150---50.500+), & USB U.S.(50.150-50.200---50.600+) should be simulated(transmit/receive) into a dummy load so that the procedure will be semi-automatic. Then the antenna is re-connected.